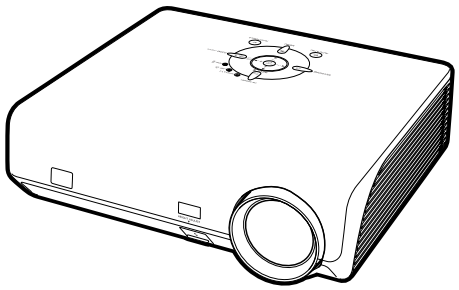
EIKI

SERVICE MANUAL



DLP™ PROJECTOR

MODEL EIP-3500

In the interests of user-safety (Required by safety regulations in some countries) the set should be restored to its original condition and only parts identical to those specified should be used.

This document has been published to be used for after sales service only.
The contents are subject to change without notice.

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SPECIFICATIONS

Product type	DLP™ Projector
Model	EIP-3500
Video system	NTSC3.58/NTSC4.43/PAL/PAL-M/PAL-N/PAL-60/SECAM/ DTV480I/DTV480P/DTV540P/DTV576I/DTV576P/DTV720P/DTV1035I/DTV1080I
Display method	Single Chip Digital Micromirror Device™ (DMD™) by Texas Instruments
DMD panel	Panel size: 0.7" No. of dots: 786,432 dots (1,024 [H] × 768 [V])
Lens	1.5 × electric zoom/focus lens, F2.0 – 2.5, f = 21.3 – 31.6 mm
Projection lamp	275 W DC lamp
Component input (INPUT 1/2)/ output (OUTPUT) signal	15-pin mini D-sub connector Y: 1.0 Vp-p, sync negative, 75 Ω terminated P_B: 0.7 Vp-p, 75 Ω terminated P_R: 0.7 Vp-p, 75 Ω terminated
Horizontal resolution	750 TV lines (DTV720P)
Computer RGB input (INPUT 1/2)/ output (OUTPUT) signal	15-pin mini D-sub connector RGB separate/sync on green type analog input: 0 – 0.7 Vp-p, positive, 75 Ω terminated HORIZONTAL SYNC. SIGNAL: TTL level (positive/negative) VERTICAL SYNC. SIGNAL: Same as above
Video input signal (INPUT 3)	RCA connector: VIDEO, composite video, 1.0 Vp-p, sync negative, 75 Ω terminated
S-video input signal (INPUT 4)	4-pin mini DIN connector Y (luminance signal): 1.0 Vp-p, sync negative, 75 Ω terminated C (chrominance signal): Burst 0.286 Vp-p, 75 Ω terminated
Audio input signal	∅3.5 mm minijack: AUDIO, 0.5 Vrms, more than 22 kΩ (stereo)
USB terminal	4-pin B-type USB female connector
RS-232C terminal	9-pin mini DIN connector
LAN terminal	8-pin RJ-45 modular connector
Pixel clock	12 – 108 MHz
Vertical frequency	43 – 85 Hz
Horizontal frequency	15 – 70 kHz
Audio output	2.0 W (monaural)
Speaker system	4.0 cm × 2.85 cm oval × 1
Rated voltage	AC 100 – 240 V
Input current	3.9 A
Rated frequency	50/60 Hz
Power consumption	370 W (Standard mode)/320 W (Eco mode) with AC 100 V 350 W (Standard mode)/300 W (Eco mode) with AC 240 V
Power consumption (standby)	6 W (AC 100 V) – 8 W (AC 240 V)
Heat dissipation	1,390 BTU/hour (Standard mode)/1,200 BTU/hour (Eco mode) with AC 100 V 1,315 BTU/hour (Standard mode)/1,130 BTU/hour (Eco mode) with AC 240 V
Operating temperature	41°F to 104°F (+5°C to +40°C)
Storage temperature	–4°F to 140°F (–20°C to +60°C)
Cabinet	Plastic
I/R carrier frequency	38 kHz
Dimensions (approx.)	12 7/32" × 3 33/64" × 11 7/64" (310 (W) × 89 (H) × 282 (D) mm) (main body only) 12 7/32" × 4 7/64" × 11 5/16" (310 (W) × 104 (H) × 287 (D) mm) (including adjustment foot and projecting parts)
Weight (approx.)	9.3 lbs. (4.2 kg)
Replacement parts	Lamp unit (Lamp/cage module) (AH-35001), Remote control (RRMCGA371WJSA), Power cord for U.S., Canada, etc. (QACCDA010WJPZ), Power cord for Europe, except U.K. (QACCVA011WJPZ), RGB cable (QCNWGA045WJPZ), USB cable (QCNWGA014WJPZ), Storage case (GCASNA018WJSA), Lens cap (PCAPHA021WJSA), 3 RCA to 15-pin D-sub cable (QCNWGA043WJPZ), DIN-D-sub RS-232C adaptor (QCNWGA015WJPZ), Technical reference CD-ROM (UDSKAA060WJZZ), QUICK GUIDE (TINS-B723WJZZ), Operation manual (TINS-B671WJZZ (English), TINS-B672WJZZ (French), TINS-B673WJZZ (Spanish), TINS-B674WJZZ (Italian), TINS-B675WJZZ (German), TINS-B676WJZZ (Portuguese))

As a part of policy of continuous improvement, EIKI reserves the right to make design and specification changes for product improvement without prior notice. The performance specification figures indicated are nominal values of production units. There may be some deviations from these values in individual units.

IMPORTANT SERVICE SAFETY NOTES (for USA)

■ **Service work should be performed only by qualified service technicians who are thoroughly familiar with all safety checks and servicing guidelines as follows:**

WARNING

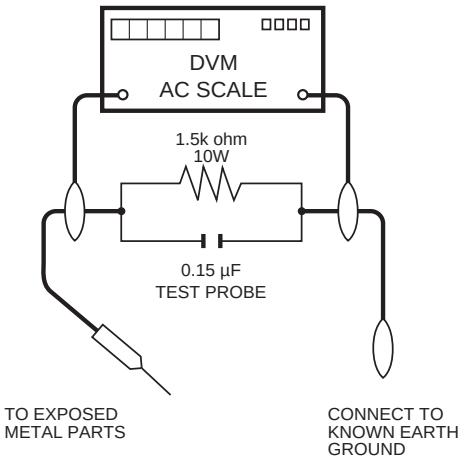
1. For continued safety, no modification of any circuit should be attempted.
2. Disconnect AC power before servicing.

BEFORE RETURNING THE PROJECTOR: (Fire & Shock Hazard)

Before returning the projector to the user, perform the following safety checks:

1. Inspect lead wires are not pinched between the chassis and other metal parts of the projector.
2. Inspect all protective devices such as non-metallic control knobs, insulating materials, cabinet backs, adjustment and compartment covers or shields, isolation resistor-capacity networks, mechanical insulators, etc.
3. To be sure that no shock hazard exists, check for current leakage in the following manner:

- Plug the AC cord directly into a 120-volt AC outlet, (Do not use an isolation transformer for this test).
- Using two clip leads, connect a 1.5k ohm, 10 watt resistor paralleled by a 0.15µF capacitor in parallel between all exposed metal cabinet parts and earth ground.
- Use an AC voltmeter with sensitivity of 5000 ohm per volt., or higher, sensitivity to measure the AC voltage drop across the resistor (See Diagram).
- All checks must be repeated with the AC plug connection reversed. (If necessary, a non-polarized adapter plug must be used only for the purpose of completing these checks.)
  Any reading of 0.3 volts RMS (this corresponds to 0.2 milliamp. AC.) or more is excessive and indicates a potential shock hazard which must be corrected before returning the unit to the owner.



SAFETY NOTICE

Many electrical and mechanical parts in DMD™ Projector have special safety-related characteristics. These characteristics are often not evident from visual inspection, nor can protection afforded by them be necessarily increased by using replacement components rated for higher voltage, wattage, etc.
Replacement parts which have these special safety characteristics are identified in this manual; electrical components having such features are identified by "⚠" and shaded areas in the Replacement Parts Lists and Schematic Diagrams. For continued protection, replacement parts must be identical to those used in the original circuit. The use of a substitute replacement parts which do not have the same safety characteristics as the factory recommended replacement parts shown in this service manual, may create shock, fire or other hazards.

AVIS POUR LA SECURITE

De nombreuses pièces, électriques et mécaniques, dans les projecteur à DMD™ présentent des caractéristiques spéciales relatives à la sécurité, qui ne sont souvent pas évidentes à vue.
Le degré de protection ne peut pas être nécessairement augmentée en utilisant des pièces de remplacement étalonnées pour haute tension, puissance, etc.
Les pièces de remplacement qui présentent ces caractéristiques sont identifiées dans ce manuel; les pièces électriques qui présentent ces particularités sont identifiées par la marque "⚠" et hachurées dans la liste des pièces de remplacement et les diagrammes schématiques. Pour assurer la protection, ces pièces doivent être identiques à celles utilisées dans le circuit d'origine. L'utilisation de pièces qui n'ont pas les mêmes caractéristiques que les pièces recommandées par l'usine, indiquées dans ce manuel, peut provoquer des électrocutions, incendies ou autres accidents.

WARNING: The bimetallic component has the primary conductive side exposed. Be very careful in handling this component when the power is on.

AVERTISSEMENT: La composante bimétallique dispose du conducteur primaire dénudé. Faire attention lors de la manipulation de cette composante sous tension.

PRECAUTIONS A PRENDRE LORS DE LA REPARATION

■ Ne peut effectuer la réparation qu' un technicien spécialisé qui s'est parfaitement accoutumé à toute vérification de sécurité et aux conseils suivants.

AVERTISSEMENT

1. N'entreprendre aucune modification de tout circuit. C'est dangereux.
2. Débrancher le récepteur avant toute réparation.

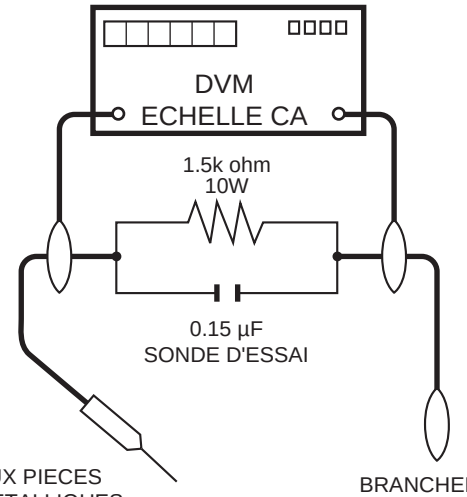
PRECAUTION: POUR LA PROTECTION CONTINUE CONTRE LES RISQUES D'INCENDIE, REMPLACER LE FUSIBLE
CÔTÉ LCD : F701 (6.3A, AC250V)

VERIFICATIONS CONTRE L'INCEN-DIE ET LE CHOC ELECTRIQUE

Avant de rendre le récepteur à l'utilisateur, effectuer les vérifications suivantes.

1. Inspecter tous les faisceaux de câbles pour s'assurer que les fils ne soient pas pincés ou qu'un outil ne soit pas placé entre le châssis et les autres pièces métalliques du récepteur.
2. Inspecter tous les dispositifs de protection comme les boutons de commande non-métalliques, les isolants, le dos du coffret, les couvercles ou blindages de réglage et de compartiment, les réseaux de résistance-capacité, les isolateurs mécaniques, etc.
3. S'assurer qu'il n'y ait pas de danger d'électrocution en vérifiant la fuite de courant, de la facon suivante:

- Brancher le cordon d'alimentation directem-ent à une prise de courant de 110-240V. (Ne pas utiliser de transformateur d'isolation pour cet essai).
- A l'aide de deux fils à pinces, brancher une résistance de 1.5 kΩ 10 watts en parallèle avec un condensateur de 0.15µF en série avec toutes les pièces métalliques exposées du coffret et une terre connue comme une conduite électrique ou une prise de terre branchée à la terre.
- Utiliser un voltmètre CA d'une sensibilité d'au moins 5000Ω/V pour mesurer la chute de tension en travers de la résistance.
- Toucher avec la sonde d'essai les pièces métalliques exposées qui présentent une voie de retour au châssis (antenne, coffret métallique, tête des vis, arbres de commande et des boutons, écusson, etc.) et mesurer la chute de tension CA en-travers de la résistance. Toutes les vérifications doivent être refaites après avoir inversé la fiche du cordon d'alimentation. (Si nécessaire, une prise d'adpatation non polarisée peut être utilisée dans le but de terminer ces vérifications.)
  Tous les courants mesurés ne doivent pas dépasser 0.5 mA.
  Dans le cas contraire, il y a une possibilité de choc électrique qui doit être supprimée avant de rendre le récepteur au client.



AVIS POUR LA SECURITE

De nombreuses pièces, électriques et mécaniques, dans les téléviseur ACL présentent des caractéristiques spéciales relatives à la sécurité, qui ne sont souvent pas évidentes à vue. Le degré de protection ne peut pas être nécessairement augmentée en utilisant des pièces de remplacement étalonnées pour haute tension, puissance, etc.
Les pièces de remplacement qui présentent ces caractéristiques sont identifiées dans ce manuel; les pièces électriques qui présentent ces particularités sont identifiées par la marque " ⚠ " et hachurées dans la liste des pièces de remplacement et les diagrammes schématiques.
Pour assurer la protection, ces pièces doivent être identiques à celles utilisées dans le circuit d'origine. L'utilisation de pièces qui n'ont pas les mêmes caractéristiques que les pièces recommandées par l'usine, indiquées dans ce manuel, peut provoquer des électrocutions, incendies, radiations X ou autres accidents.

NOTE TO SERVICE PERSONNEL

UV-RADIATION PRECAUTION

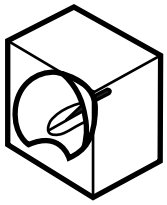
The light source, UHP lamp, in the LCD projector emits small amounts of UV-Radiation.

AVOID DIRECT EYE AND SKIN EXPOSURE.

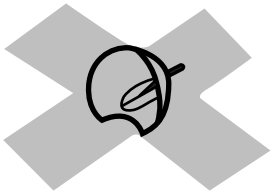
To ensure safety please adhere to the following:

1. Be sure to wear sun-glasses when servicing the projector with the lamp turned “on” and the top enclosure removed.

2. Do not operate the lamp outside of the lamp housing.



3. Do not operate for more than 2 hours with the enclosure removed.



UV-Radiation and Medium Pressure Lamp Precautions

1. Be sure to disconnect the AC plug when replacing the lamp.
2. Allow one hour for the unit to cool down before servicing.
3. Replace only with same type lamp. Type AH-35001 rated 275W.
4. The lamp emits small amounts of UV-Radiation, avoid direct-eye contact.
5. The medium pressure lamp involves a risk of explosion. Be sure to follow installation instructions described below and handle the lamp with care.

NOTE POUR LE PERSONNEL D’ENTRETIEN

PRECAUTION POUR LES RADIATIONS UV

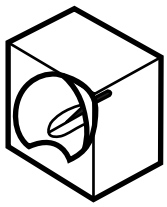
La source de lumière, la lampe UHP, dans le projecteur LCD émet de petites quantités de radiation UV.

EVITEZ TOUTE EXPOSITION DIRECTE DES YEUX ET DE LA PEAU.

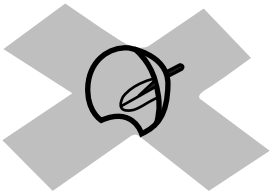
Pour votre sécurité, nous vous prions de respecter les points suivants:

1. Toujours porter des lunettes de soleil lors d’un entretien du projecteur avec la lampe allumée et le haut du coffret retiré.

2. Ne pas faire fonctionner la lampe à l’extérieur du boîtier de lampe.



3. Ne pas faire fonctionner plus de 2 heures avec le coffret retiré.



Précautions pour les radiations UV et la lampe moyenne pression

1. Toujours débrancher la fiche AC lors du remplacement de la lampe.
2. Laisser l’unité refroidir pendant une heure avant de procéder à l’entretien.
3. Ne remplacer qu’avec une lampe du même type. Type AH-35001, caractéristique 275W.
4. La lampe émet de petites quantités de radiation UV- éviter tout contact direct avec les yeux.
5. La lampe moyenne pression implique un risque d’explosion. Toujours suivre les instructions d’installation décrites ci-dessous et manipuler la lampe avec soin.

UV-RADIATION PRECAUTION (Continued)

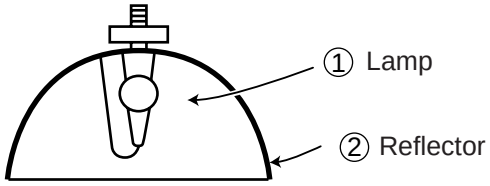
■ Lamp Replacement

Note:

Since the lamp reaches a very high temperature during units operation replacement of the lamp should be done at least one hour after the power has been turned off. (to allow the lamp to cool off.)

Installing the new lamp, make sure not to touch the lamp (bulb) replace the lamp by holding its reflector ②.

[Use original replacement only.]



DANGER ! — Never turn the power on without the lamp to avoid electric-shock or damage of the devices since the stabilizer generates high voltages at its start.

Since small amounts of UV-radiation are emitted from an opening between the exhaust fans, it is recommended to place the cap of the optional lens on the opening during servicing to avoid eye and skin exposure.

PRECAUTION POUR LES RADIATIONS UV (Suite)

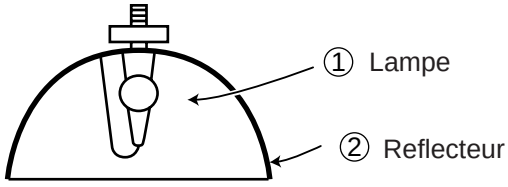
■ Remplacement de la lampe

Remarque:

Comme la lampe devient très chaude pendant le fonctionnement de l'unité, son remplacement ne doit être effectué au moins une heure après avoir coupé l'alimentation (pour permettre à la lampe de refroidir).

En installant la nouvelle lampe, s'assurer de ne pas toucher la lampe (ampoule). Remplacer la lampe en tenant son réflecteur ②.

[N'utiliser qu'un remplacement d'origine.]



DANGER ! — Ne jamais mettre sous tension sans la lampe pour éviter un choc électrique ou des dommages des appareils car le stabilisateur génère de hautes tensions à sa mise en route.

Comme de petites quantités de radiation UV sont émises par une ouverture entre les ventilateurs aspirants, il est recommandé de placer le capuchon de l'optique optionnelle sur l'ouverture pendant l'entretien pour éviter une exposition des yeux et la peau.

WARNING: High brightness light source, do not stare into the beam of light, or view directly. Be especially careful that children do not stare directly in to the beam of light.

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS UNIT TO MOISTURE OR WET LOCATIONS.

CAUTION

RISK OF ELECTRIC SHOCK. DO NOT REMOVE SCREWS EXCEPT SPECIFIED USER SERVICE SCREW.

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE CABINET.
NO USER-SERVICEABLE PARTS EXCEPT LAMP UNIT.
REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

The lighting flash with arrowhead within a triangle is intended to tell the user that parts inside the product are risk of electric shock to persons.

The exclamation point within a triangle is intended to tell the user that important operating and servicing instructions are in the manual with the projector.

CAUTION
(POWER Unit)

6.3A 250V

For continued protection against a risk of fire, replace only with same type 6.3A, AC250V fuse. (F701)

AVERTISSEMENT: Source lumineuse de grande intensité. Ne pas fixer le faisceau lumineux ou le regarder directement. Veiller particulièrement à éviter que les enfants ne fixent directement le faisceau lumineux.

AVERTISSEMENT: AFIN D'EVITER TOUT RISQUE D'INCENDIE OU D'ELECTROCUTION, NE PAS PLACER CET APPAREIL DANS UN ENDROIT HUMIDE OU MOUILLE.

ATTENTION

RISQUE D'ÉLECTROCUTION. NE PASR ETIRER LES VIS Á L'EXCEPTION DE LA VIS DE REPARATION UTILISATEUR SPECIFIEES

ATTENTION: POUR EVITER TOUT RISQUE D'ELECTROCUTION, NE PAS RETIRER LE CAPOT.
AUCUNE DES PIECES INTERIEURES N'EST REPARABLE PAR L'UTILISATEUR, A L'EXCEPTION DE L'UNITE DE LAMPE. POUR TOUTE REPARATION, S'ADRESSER A UN TECHNICIEN D'ENTRETIEN QUALIFIE.

L'éclair terminé d'une flèche à l'intérieur d'un triangle indique à l'utilisateur que les pi'eces se trouvant dans l'appareil sont susceptibles de provoquer une décharge électrique.

Le point d'exclamation à l'intérieur d'un triangle indique à l'utilisateur que les instructions de fonctionnement et d'entretien sont détaillées dans les documents fournis avec le projecteur.

PRECAUTION
(Unité de PUTSSANCE)

6.3A 250V

Pour une protection continue contre un risques d'incendie, ne remplacer qu'avec un fusible 6.3A,AC250V du même type. (F701)

Precautions for using lead-free solder

1 Employing lead-free solder
"PWBs" of this model employs lead-free solder. The LF symbol indicates lead-free solder, and is attached on the PWBs and service manuals. The alphabetical character following LF shows the type of lead-free solder.
Example:

Indicates lead-free solder of tin, silver and copper.

2 Using lead-free wire solder
When fixing the PWB soldered with the lead-free solder, apply lead-free wire solder. Repairing with conventional lead wire solder may cause damage or accident due to cracks.
As the melting point of lead-free solder (Sn-Ag-Cu) is higher than the lead wire solder by 40°C, we recommend you to use a dedicated soldering bit, if you are not familiar with how to obtain lead-free wire solder or soldering bit, contact our service station or service branch in your area.

3 Soldering
As the melting point of lead-free solder (Sn-Ag-Cu) is about 220°C which is higher than the conventional lead solder by 40°C, and as it has poor solder wettability, you may be apt to keep the soldering bit in contact with the PWB for extended period of time. However, since the land may be peeled off or the maximum heat-resistance temperature of parts may be exceeded, remove the bit from the PWB as soon as you confirm the steady soldering condition.
Lead-free solder contains more tin, and the end of the soldering bit may be easily corroded. Make sure to turn on and off the power of the bit as required.
If a different type of solder stays on the tip of the soldering bit, it is alloyed with lead-free solder. Clean the bit after every use of it.
When the tip of the soldering bit is blackened during use, file it with steel wool or fine sandpaper.

Be careful when replacing parts with polarity indication on the PWB silk.

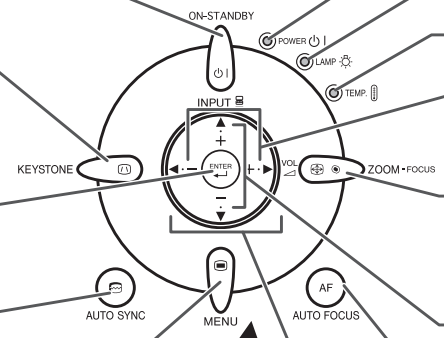
Lead-free wire solder for servicing

Part No.	★	Description	Code
ZHNDAi123250E	J	ϕ0.3mm 250g(1roll)	BL
ZHNDAi126500E	J	ϕ0.6mm 500g(1roll)	BK
ZHNDAi12801KE	J	ϕ1.0mm 1kg(1roll)	BM

Operation Manual

Projector

Top View



POWER button
For turning the power on or putting the projector into standby mode.

KEYSTONE button
For entering the Keystone Correction mode.

ENTER button
For setting items selected or adjusted on the menu.

AUTO SYNC button
For automatically adjusting images when connected to a computer.

MENU button
For displaying adjustment and setting screens.

Power indicator

Lamp indicator

Temperature warning indicator

Volume buttons
For adjusting the speaker sound level.

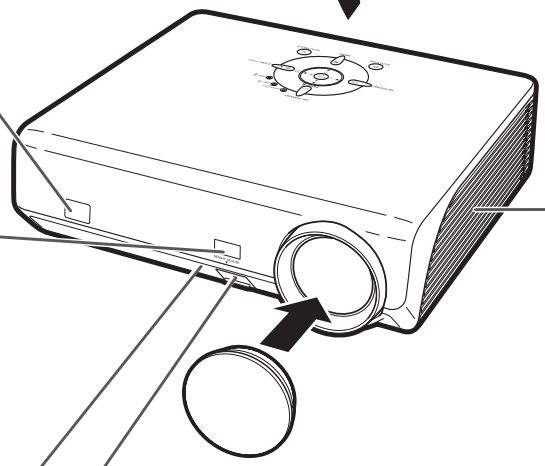
ZOOM-FOCUS button
For adjusting the projected image size or adjusting the focus.

INPUT buttons
For switching input mode 1, 2, 3 or 4.

AUTO FOCUS button
For adjusting the focus automatically.

Adjustment buttons (▲/▼/◀/▶)
For selecting menu items and other settings.

Front View



Remote control sensor

Auto focus sensor

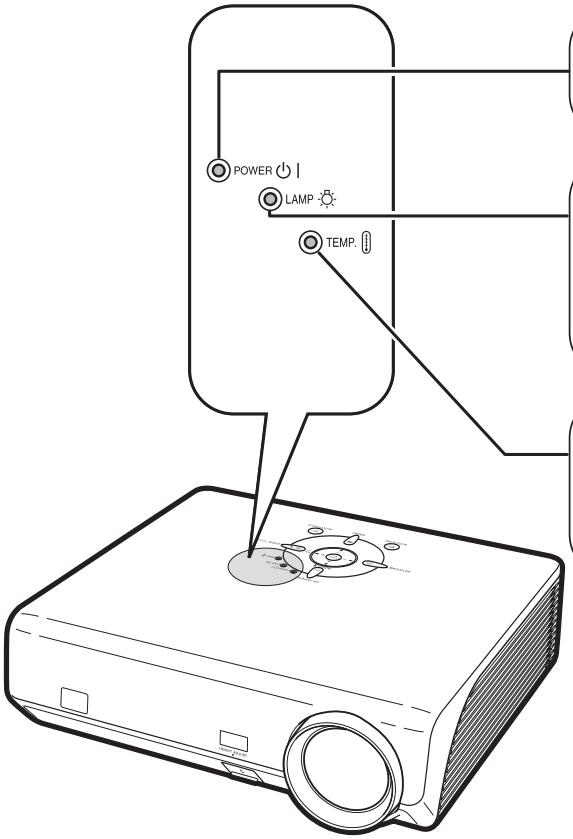
Speaker

Front adjustment foot (on the bottom of the projector)

HEIGHT ADJUST button

- **Attaching the lens cap**
  Push the lens cap on until it clicks into position.
- **Removing the lens cap**
  Pull the lens cap directly outward.

About the Indicators on the Projector



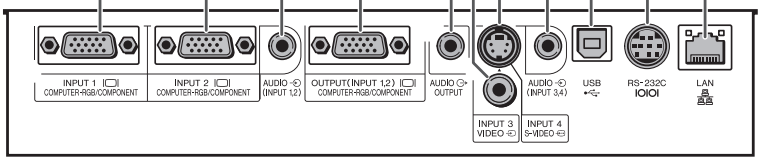
Power indicator
Green on ··· Normal (Standby)
Red on ··· Normal (Power on)

Lamp indicator
Green on ··· Normal
Green blinks ··· The lamp is warming up or shutting down.
Red on ··· The lamp has been shut down abnormally or needs to be changed.

Temperature warning indicator
Off ··· Normal
Red on ··· The internal temperature is abnormally high.

Projector (Rear View)

Terminals **Refer to "INPUT/OUTPUT Terminals and Connectable Main Equipment" on**



AUDIO OUTPUT terminal
Audio output terminal of equipment connected to the AUDIO INPUT terminal.

OUTPUT (INPUT 1, 2) terminal
- Shared computer RGB and component signals output terminal for INPUT 1 and 2.
- Terminal for connecting a monitor.

AUDIO INPUT 1, 2 terminal
Shared audio input terminal for INPUT 1 and 2.

INPUT 2 terminal
Terminal for computer RGB and component signals.

INPUT 1 terminal
Terminal for computer RGB and component signals.

INPUT 3 terminal
Terminal for connecting video equipment.

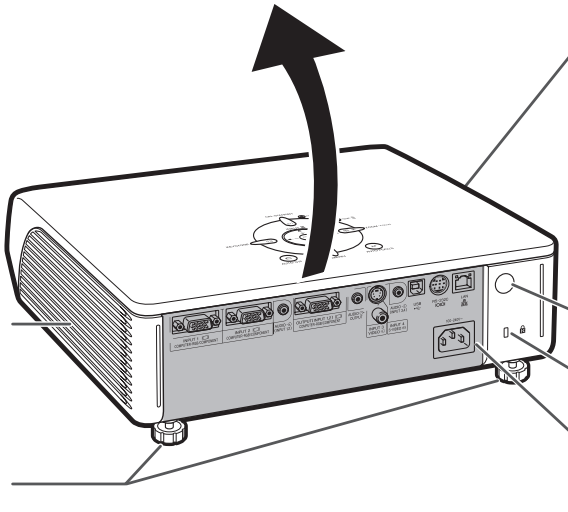
INPUT 4 terminal
Terminal for connecting video equipment with an S-video terminal.

AUDIO INPUT 3, 4 terminal
Shared audio input terminal for INPUT 3 and 4.

USB terminal

RS-232C terminal
Terminal for controlling the projector using a computer.

LAN terminal
Terminal for controlling the projector using a computer via network.



Exhaust vent
The speed and pitch of the cooling fan may change during operation in response to internal temperature changes. This is normal operation and does not indicate a malfunction.

Intake vent

Remote control sensor

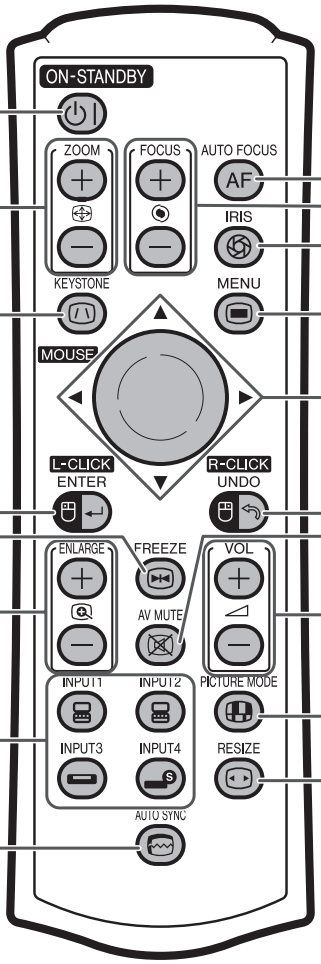
Kensington Security Standard connector

AC socket
Connect the supplied Power cord.

Rear adjustment feet

Using the Kensington Lock
- This projector has a Kensington Security Standard connector for use with a Kensington MicroSaver Security System. Refer to the information that came with the system for instructions on how to use it to secure the projector.

Remote Control



POWER button
For turning the power on or putting the projector into standby mode.

ZOOM buttons
For adjusting the projected image size.

KEYSTONE button
For entering the Keystone Correction mode.

L-CLICK/ENTER button
For the Left click when connecting the projector USB terminal to the computer with USB cable.
For setting items selected or adjusted on the menu.

FREEZE button
For freezing images.

ENLARGE (Enlarge/Reduce) buttons
For enlarging/reducing part of the image.

INPUT 1, 2, 3 and 4 buttons
For switching to the respective input modes.

AUTO SYNC button
For automatically adjusting images when connected to a computer.

AUTO FOCUS button
For adjusting the focus automatically.

FOCUS buttons
For bringing the projected image into focus.

IRIS button
For switching "HIGH BRIGHTNESS MODE" or "HIGH CONTRAST MODE".

MENU button
For displaying adjustment and setting screens.

MOUSE/Adjustment button (▲/▼/◀/▶)
For moving the computer cursor when connecting the projector USB terminal to the computer with USB cable.
For selecting menu items.

R-CLICK/UNDO button
For the Right click when connecting the projector USB terminal to the computer with USB cable.
For undoing an operation or returning to the previous display.

AV MUTE button
For temporarily displaying the black screen and turning off the sound.

Volume buttons
For adjusting the speaker sound level.

PICTURE MODE button
For switching the picture mode.

RESIZE button
For switching the screen size (NORMAL, BORDER, etc.).

Note

- All the buttons on the remote control, except the MOUSE/Adjustment button, are made of luminous material that is visible in the dark. Visibility will diminish over time. Exposure to light will recharge the luminous buttons.

Usable Range

The remote control can be used to control the projector within the ranges shown in the illustration.

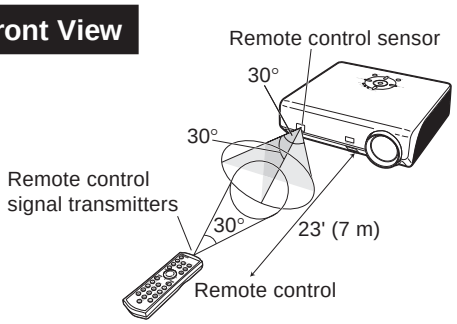
Note

- The signal from the remote control can be reflected off a screen for easy operation. However, the effective distance of the signal may differ depending on the screen material.

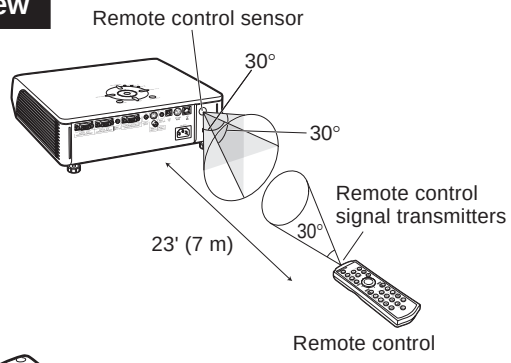
When using the remote control:

- Ensure not to drop, expose to moisture or high temperature.
- The remote control may malfunction under a fluorescent lamp. In this case, move the projector away from the fluorescent lamp.

Front View

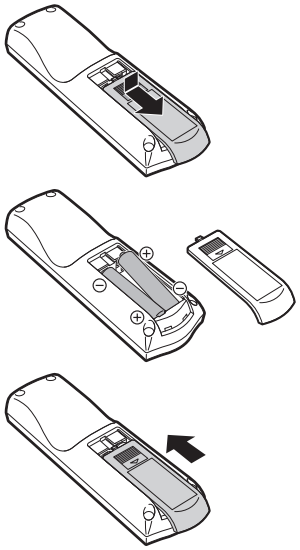


Rear View



Inserting the Batteries

The batteries (two R-03 batteries ("AAA" size, UM/SUM-4, HP-16 or similar)) are supplied in the package.



1 Press the ▲ mark on the cover and slide it in the direction of the arrow.

2 Insert the batteries.

- Insert the batteries making sure the polarities correctly match the ⊕ and ⊖ marks inside the battery compartment.

3 Attach the cover and slide it until it clicks into place.

Incorrect use of the batteries may cause them to leak or explode. Please follow the precautions below.

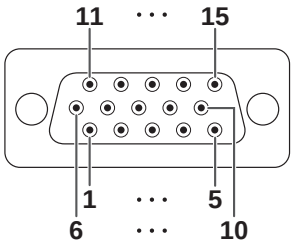
⚠ Caution

- Insert the batteries making sure the polarities correctly match the ⊕ and ⊖ marks inside the battery compartment.
- Batteries of different types have different properties, therefore do not mix batteries of different types.
- Do not mix new and old batteries.
  This may shorten the life of new batteries or may cause old batteries to leak.
- Remove the batteries from the remote control once they have run out, as leaving them in can cause them to leak.
  Battery fluid from leaked batteries is harmful to skin, therefore ensure to first wipe them and then remove them using a cloth.

- The batteries included with this projector may run down in a short period, depending on how they are kept. Ensure to replace them as soon as possible with new batteries.
- Remove the batteries from the remote control if you will not be using the remote control for a long time.

Connection Pin Assignments

INPUT 1/INPUT 2 and OUTPUT RGB Signal Terminal: 15-pin Mini D-sub female connector



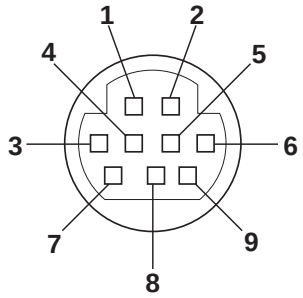
RGB Input

1. Video input (red)
2. Video input (green/sync on green)
3. Video input (blue)
4. Not connected
5. Not connected
6. Earth (red)
7. Earth (green/sync on green)
8. Earth (blue)
9. Not connected
10. GND
11. Not connected
12. Bi-directional data
13. Horizontal sync signal: TTL level
14. Vertical sync signal: TTL level
15. Data clock

Component Input

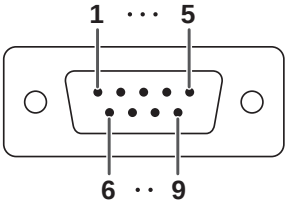
1. P_R (C_R)
2. Y
3. P_B (C_B)
4. Not connected
5. Not connected
6. Earth (P_R)
7. Earth (Y)
8. Earth (P_B)
9. Not connected
10. Not connected
11. Not connected
12. Not connected
13. Not connected
14. Not connected
15. Not connected

RS-232C Terminal: 9-pin Mini DIN female connector



Pin No.	Signal	Name	I/O	Reference
1				Not connected
2	RD	Receive Data	Input	Connected to internal circuit
3	SD	Send Data	Output	Connected to internal circuit
4				Not connected
5	SG	Signal Ground		Connected to internal circuit
6				Not connected
7	RS			Connected to Pin 8
8	CS			Connected to Pin 7
9				Not connected

DIN-D-sub RS-232C adaptor: 9-pin D-sub male connector

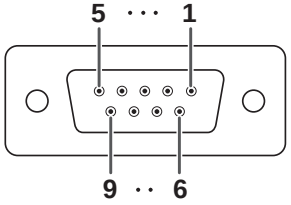


Pin No.	Signal	Name	I/O	Reference
1				Not connected
2	RD	Receive Data	Input	Connected to internal circuit
3	SD	Send Data	Output	Connected to internal circuit
4				Not connected
5	SG	Signal Ground		Connected to internal circuit
6				Not connected
7	RS			Connected to internal circuit
8	CS			Connected to internal circuit
9				Not connected

Note

- Pin 8 (CS) and Pin 7 (RS) are short circuited inside the projector.

RS-232C Cable recommended connection: 9-pin D-sub female connector



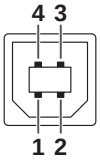
Pin No.	Signal	Pin No.	Signal
1	CD	1	CD
2	RD	2	RD
3	SD	3	SD
4	ER	4	ER
5	SG	5	SG
6	DR	6	DR
7	RS	7	RS
8	CS	8	CS
9	CI	9	CI

Note

- Depending on the controlling device used, it may be necessary to connect Pin 4 and Pin 6 on the controlling device (e.g. computer).

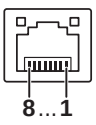
Projector Pin No.	Computer Pin No.
4	4
5	5
6	6

USB Terminal: 4-pin B-type USB female connector



Pin No.	Signal	Name
1	VCC	USB power
2	USB−	USB data−
3	USB+	USB data+
4	SG	GND

LAN Terminal : 8-pin RJ-45 modular connector

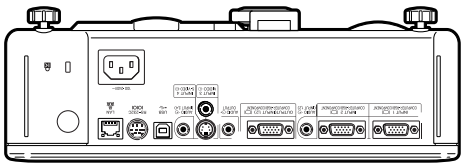


Pin No.	Signal	Pin No.	Signal
1	TX+	5	
2	TX−	6	RX−
3	RX+	7	
4		8	

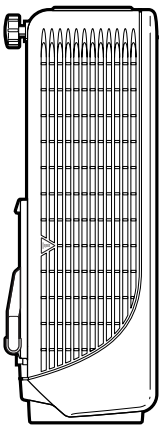
DIMENSIONS

Units: inches (mm)

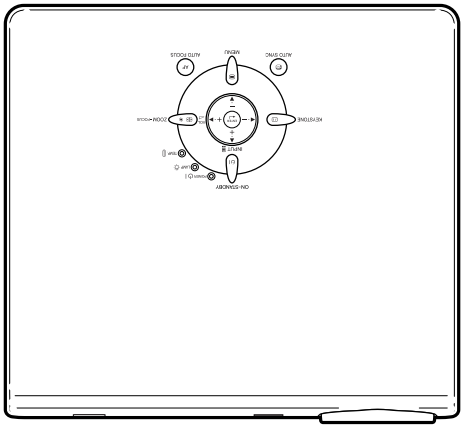
Rear View



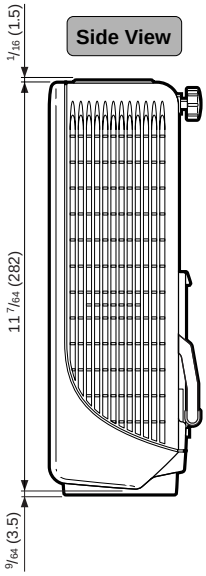
Side View



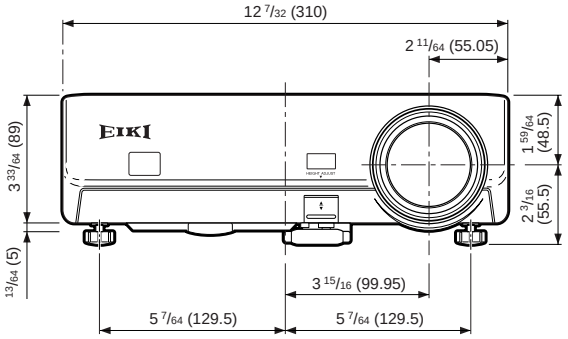
Top View



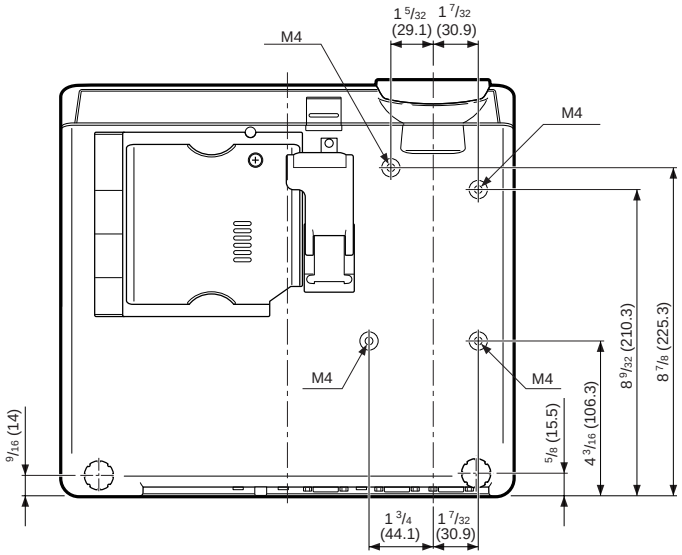
Side View



Front View



Bottom View

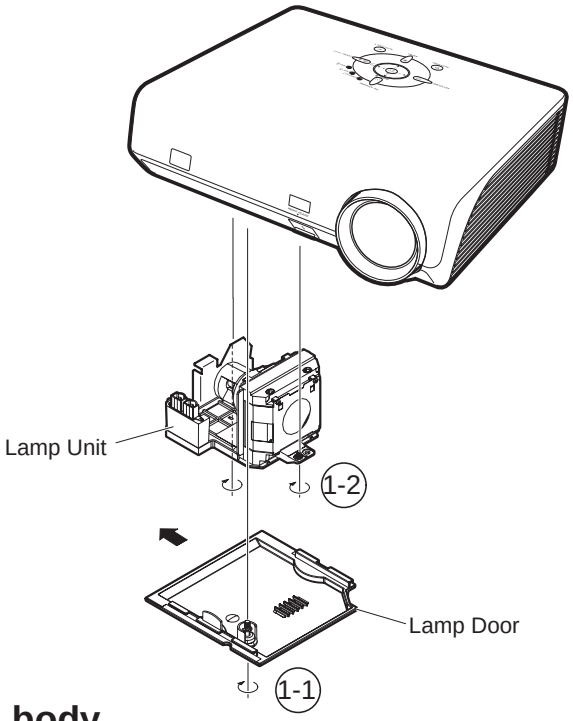


REMOVING OF MAJOR PARTS

*** Before removing the projection lens, set the IRIS setting to "High Contrast". (See page 25.)**

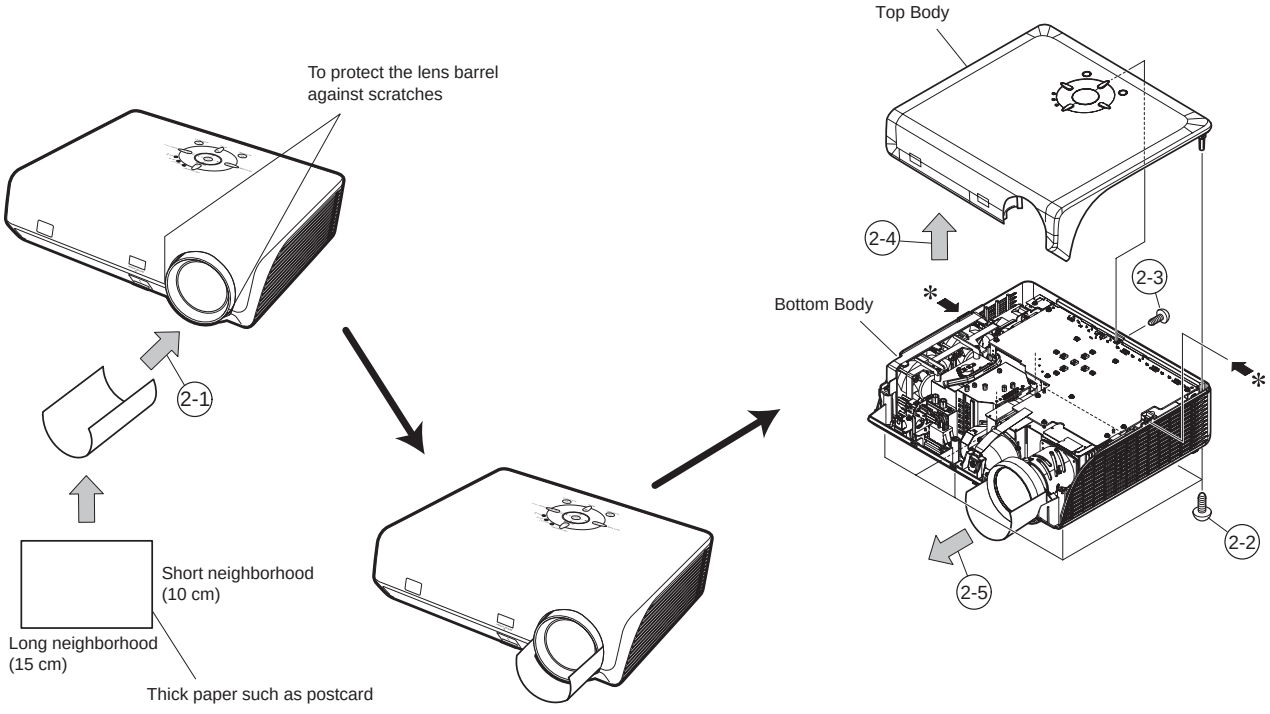
1. Removing the lamp door and the lamp unit

1-1. Loosen the lamp door fixing screw, slide the lamp door in allow direction and lift off the lamp door.
1-2. Loosen 2 lamp unit fixing screws and lift off the lamp unit.



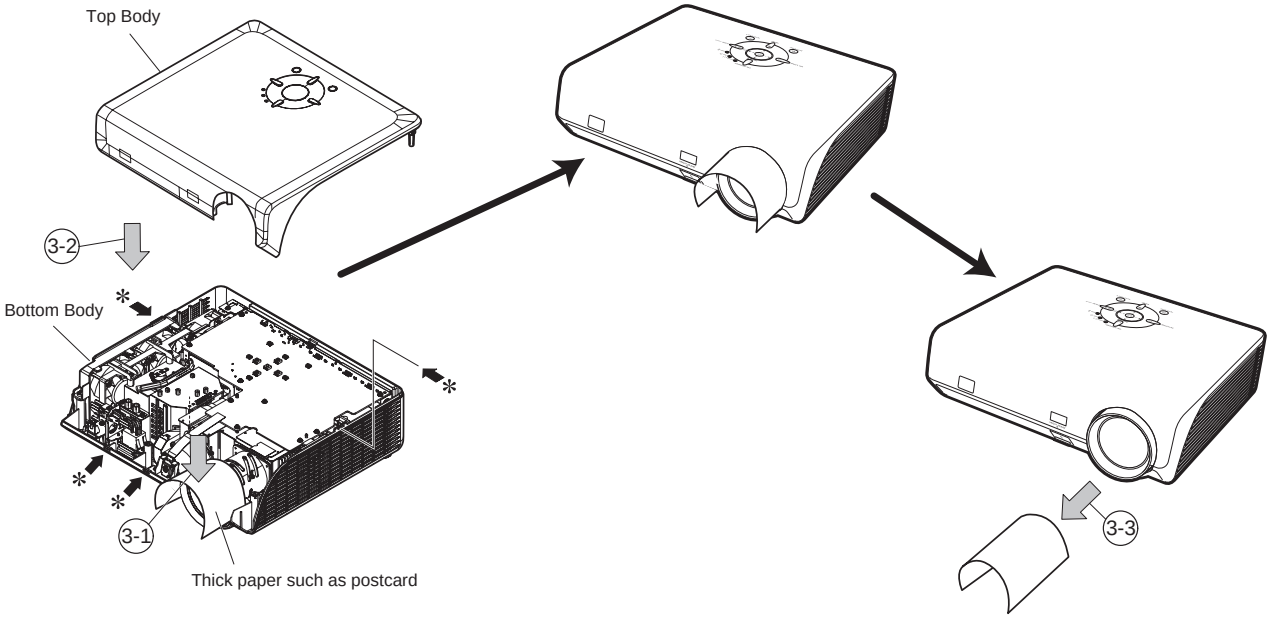
2. Removing the top body

2-1. Insert a postcard or such thick paper under the lens barrel and between the body.
2-2. Remove 6 fixing screws for the top and bottom bodies.
2-3. Remove the fixing screw for the top body (terminal side).
2-4. Press and hold the areas (marked with ✳) and disengage the claws on the top body to remove the top body.
2-5. Draw out the postcard.



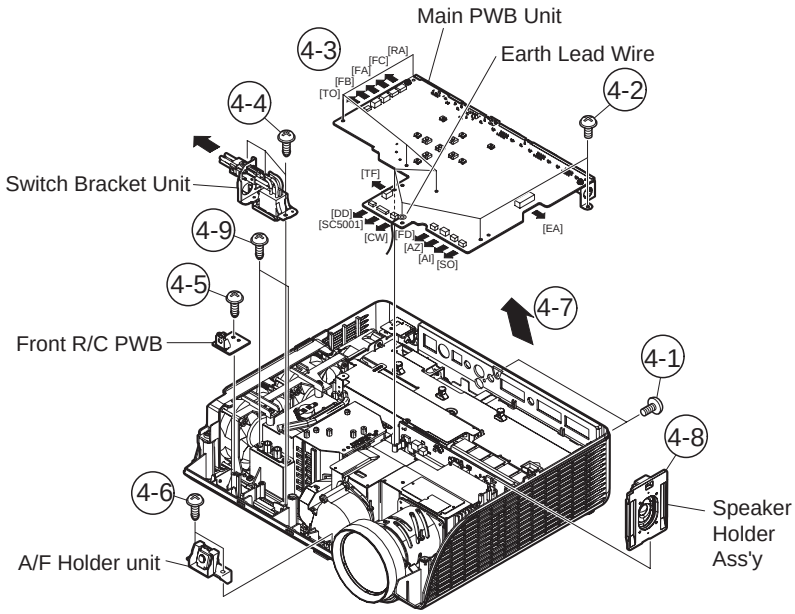
3. Attaching the top body (For the screws to apply, refer back to "2. Removing the top body".)

3-1. Insert the postcard over the lens barrel.
3-2. Place the top body in position. Make sure the four hooks are tightly caught.
3-3. Draw out the postcard.



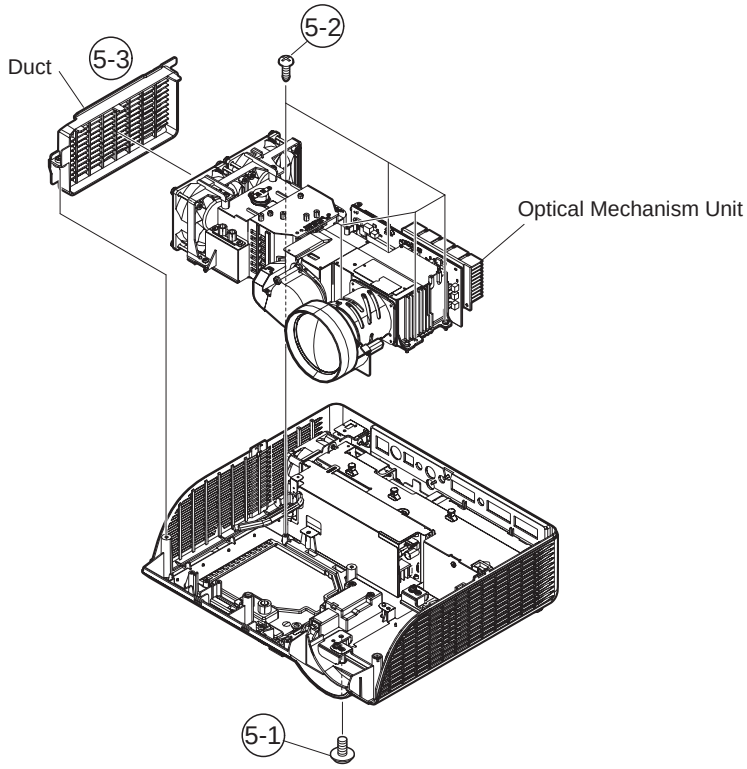
4. Removing the main PWB unit and the peripheral units

4-1. Remove 2 main PWB fixing screws (terminal side).
4-2. Remove 8 main PWB fixing screws.
4-3. Remove 14 connectors from the main PWB.
4-4. Pull out the switch bracket connector and remove 3 fixing screws.
4-5. Remove the fixing screw for the front R/C PWB.
4-6. Remove 2 fixing screws for the A/F holder unit.
4-7. Lift off the main PWB in an oblique direction from the optical mechanism unit side.
4-8. Remove the speaker holder ass'y.
4-9. Remove 2 fixing screws and remove the ballast output socket.



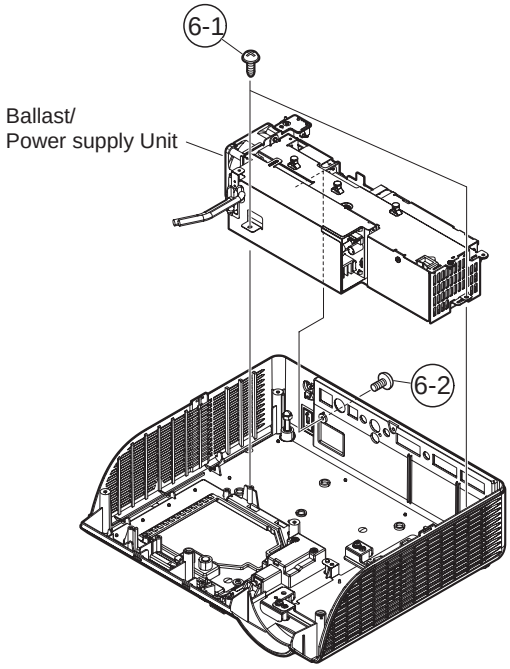
5. Removing the optical mechanism unit

5-1. Remove the fixing screw for the optical mechanism unit from the bottom body.
5-2. Remove 5 fixing screws for the optical mechanism unit.
5-3. Remove the duct.



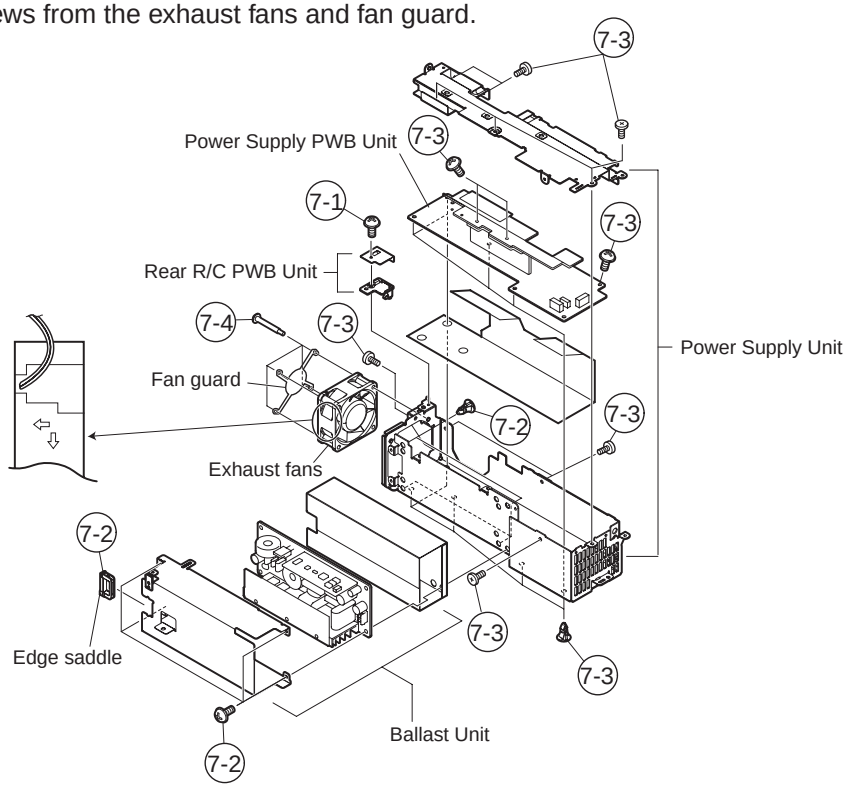
6. Removing the ballast/power supply unit

6-1. Remove 2 fixing screws for the ballast/power supply unit.
6-2. Remove the fixing screw for the ballast/power supply unit (terminal side).



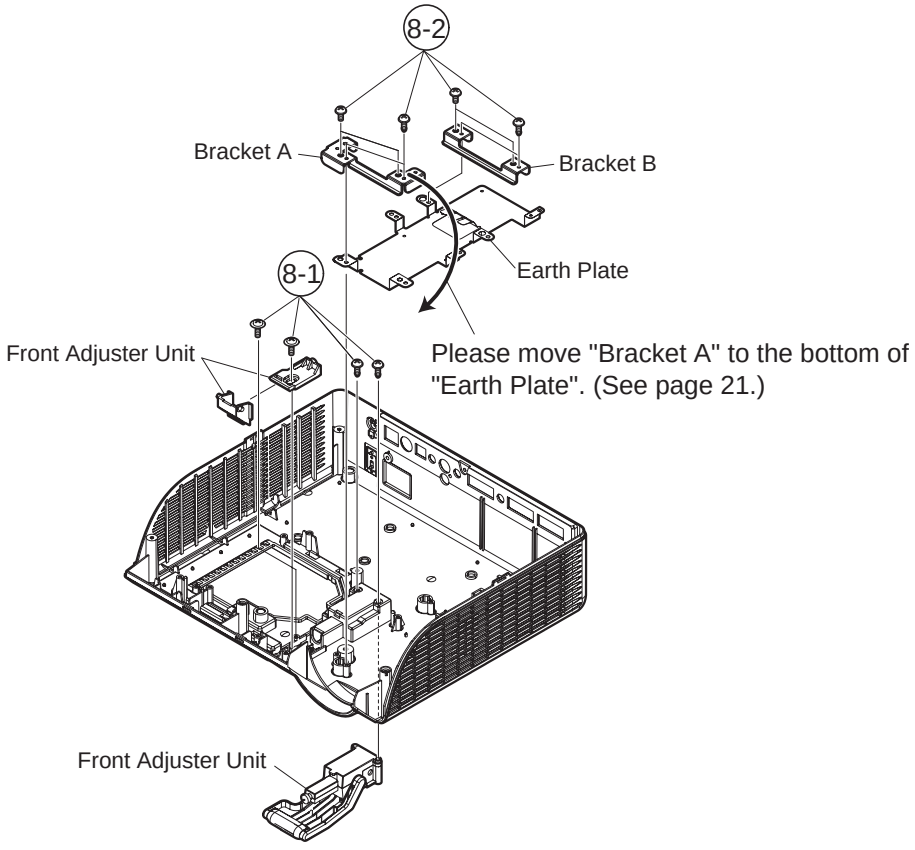
7. Removing the ballast/power supply unit

7-1. Remove the fixing screw for the rear R/C PWB unit.
7-2. Remove 4 fixing screws, 4 WH bosses and the edge saddle for the ballast unit.
7-3. Remove 11 fixing screws and 5 WH bosses for the power supply unit.
7-4. Remove 4 fixing screws from the exhaust fans and fan guard.



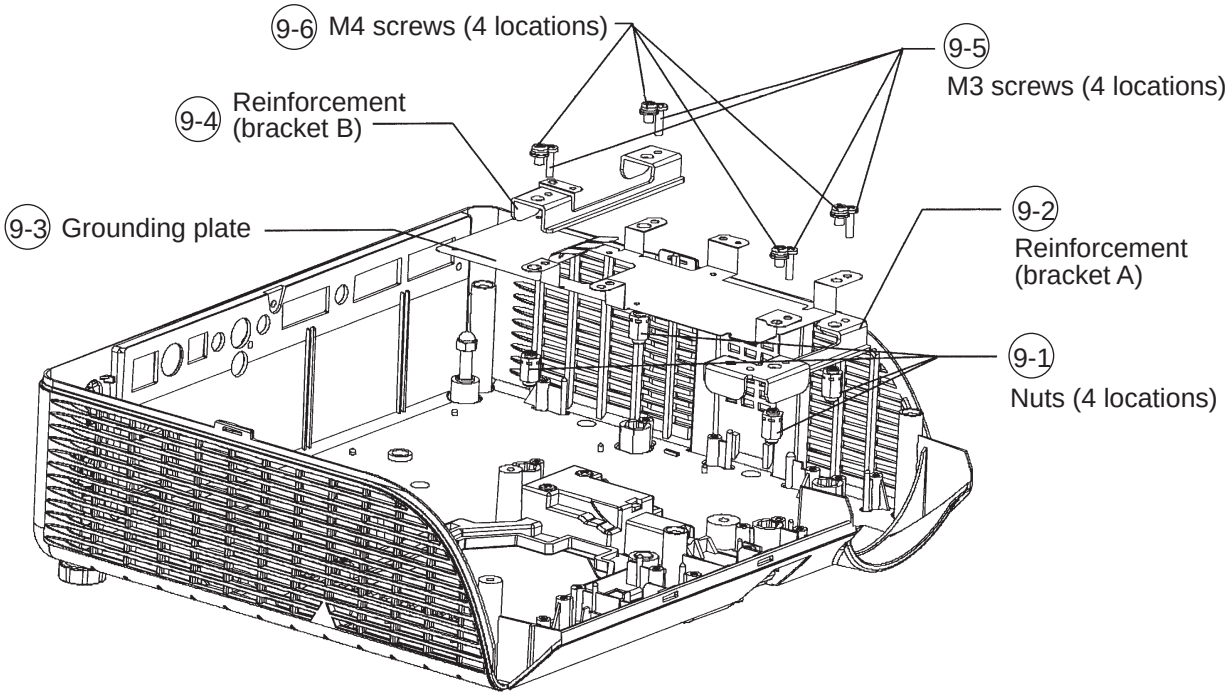
8. Removing the peripheral units

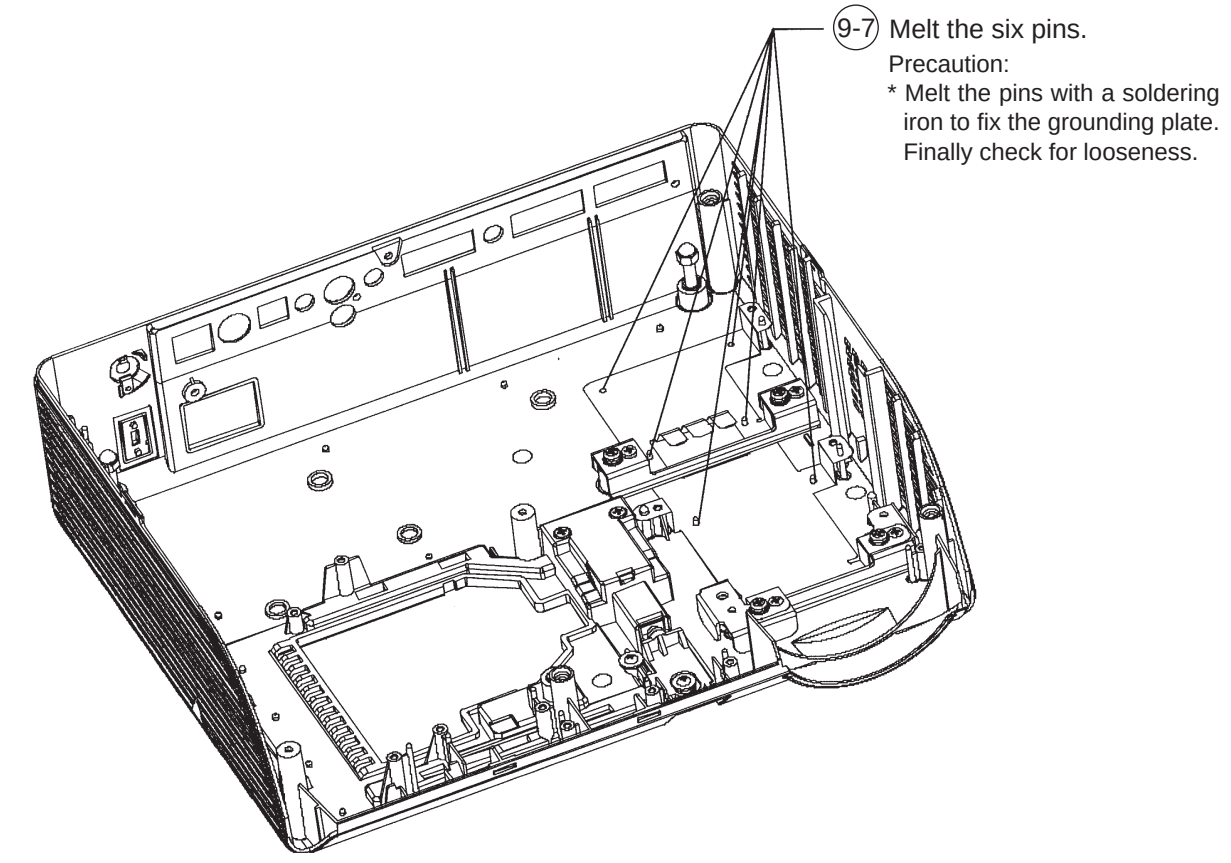
8-1. Remove 4 fixing screws for the front adjuster unit.
8-2. Remove 8 bracket fixing screws and remove the bracket A, bracket B and earth plate.



9. Fixing the grounding plate

9-1. Install the four nuts.
9-2. Fit the reinforcement (bracket A) in position.
9-3. Place the grounding plate as specified.
9-4. Fit the reinforcement (bracket B) in position.
9-5. Tighten up the four M3 screws.
9-6. Tighten up the four M4 screws.
9-7. Melt the six pins of the grounding plate.



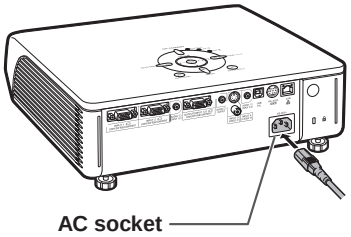

9-7 Melt the six pins.
Precaution:
* Melt the pins with a soldering iron to fix the grounding plate. Finally check for looseness.

RESETTING THE TOTAL LAMP TIMER

● **Resetting the Lamp Timer**
Reset the lamp timer after replacing the lamp.

Info

- Make sure to reset the lamp timer only when replacing the lamp. If you reset the lamp timer and continue to use the same lamp, this may cause the lamp to become damaged or explode.

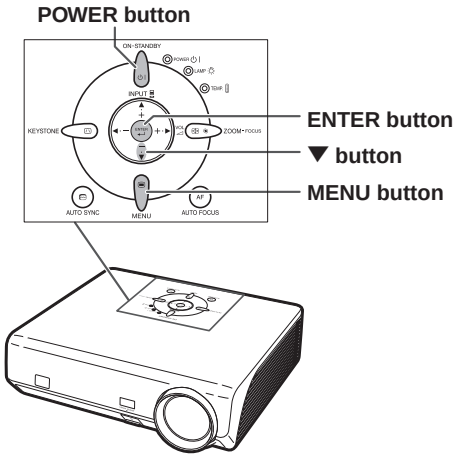


1 Connect the power cord.

- Plug the power cord into the AC socket of the projector.

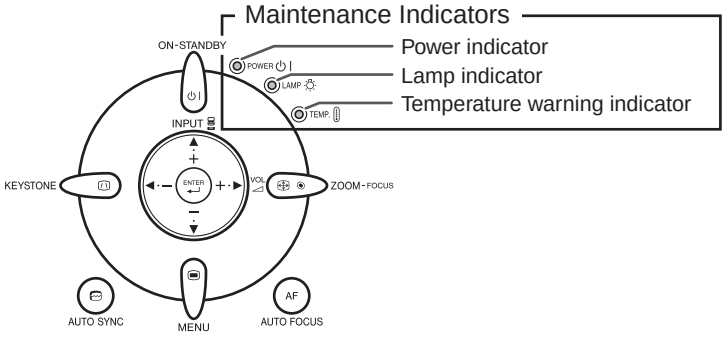
2 Reset the lamp timer.

- While simultaneously holding down ▼, ENTER and MENU on the projector, press POWER on the projector.
- "LAMP 0000H" is displayed, indicating that the lamp timer is reset.



Lamp

- **It is recommended that the lamp unit (optional: AH-35001) be replaced when the remaining lamp life becomes 5% or less, or when you notice a significant deterioration in the picture and color quality. The lamp life (percentage) can be checked with the on-screen display.**
- **Purchase a replacement lamp unit of type AH-35001 from your place of purchase, nearest EIKI Authorized Projector Dealer or Service Center.**
- **The warning lights on the projector indicate problems inside the projector.**
- **If a problem occurs, either the temperature indicator or the lamp indicator will illuminate red, and the projector will enter the standby mode. After the projector has entered the standby mode, follow the procedures given below.**



About the temperature warning indicator

If the temperature inside the projector increases, due to blockage of the air vents, or the setting location, "TEMP." will illuminate in the lower left corner of the picture. If the temperature keeps on rising, the lamp will turn off and the temperature warning indicator will blink, the cooling fan will run for a further 90 seconds, and then the projector will enter the standby mode. After "TEMP." appears, ensure to perform the measures described on operation manual.

Maintenance indicator			Problem	Cause	Possible solution
	Normal	Abnormal			
Temperature warning indicator	Off	Red on (Standby)	The internal temperature is abnormally high.	• Blocked air intake	• Relocate the projector to an area with proper ventilation
				• Cooling fan break-down • Internal circuit failure • Clogged air intake	• Take the projector to your nearest EIKI Authorized Projector Dealer or Service Center for repair. • Clean the exhaust and intake vents.
Lamp indicator	Green on (Green blinks when the lamp is warming up or shutting down.)	Red on	The lamp does not illuminate.	• The lamp is shut down abnormally.	• Disconnect the power cord from the AC outlet, and then connect it again.
			Time to change the lamp.	• Remaining lamp life becomes 5% or less.	• Carefully replace the lamp. • Take the projector to your nearest EIKI Authorized Projector Dealer or Service Center for repair. • Please exercise care when replacing the lamp.
		Red on (Standby)	The lamp does not illuminate.	• Burnt-out lamp • Lamp circuit failure	

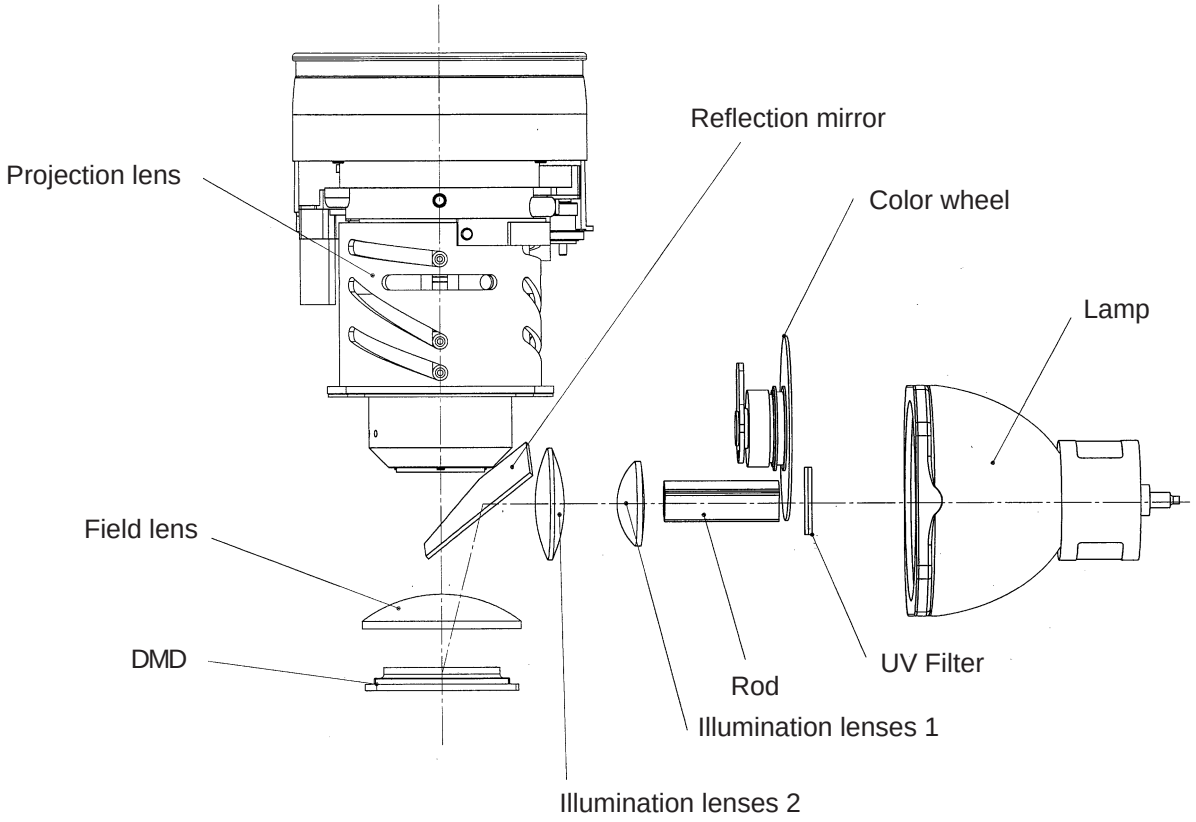
Info

- If the temperature warning indicator illuminates and the projector enters the standby mode, check whether any of the ventilation holes are blocked and then try turning the power back on. Wait until the projector has cooled down completely before plugging in the power cord and turning the power back on. (At least 10 minutes.)
- If the power is turned off for a brief moment due to power outage or some other cause while using the projector, and the power supply recovers immediately after that, the lamp indicator will illuminate in red and the lamp may not be lit. In this case, unplug the power cord from the AC outlet, replace the power cord in the AC outlet and then turn the power on again.
- Do not unplug the power cord after the projector has entered the standby mode and while the cooling fan is running. The cooling fan runs for about 90 seconds.

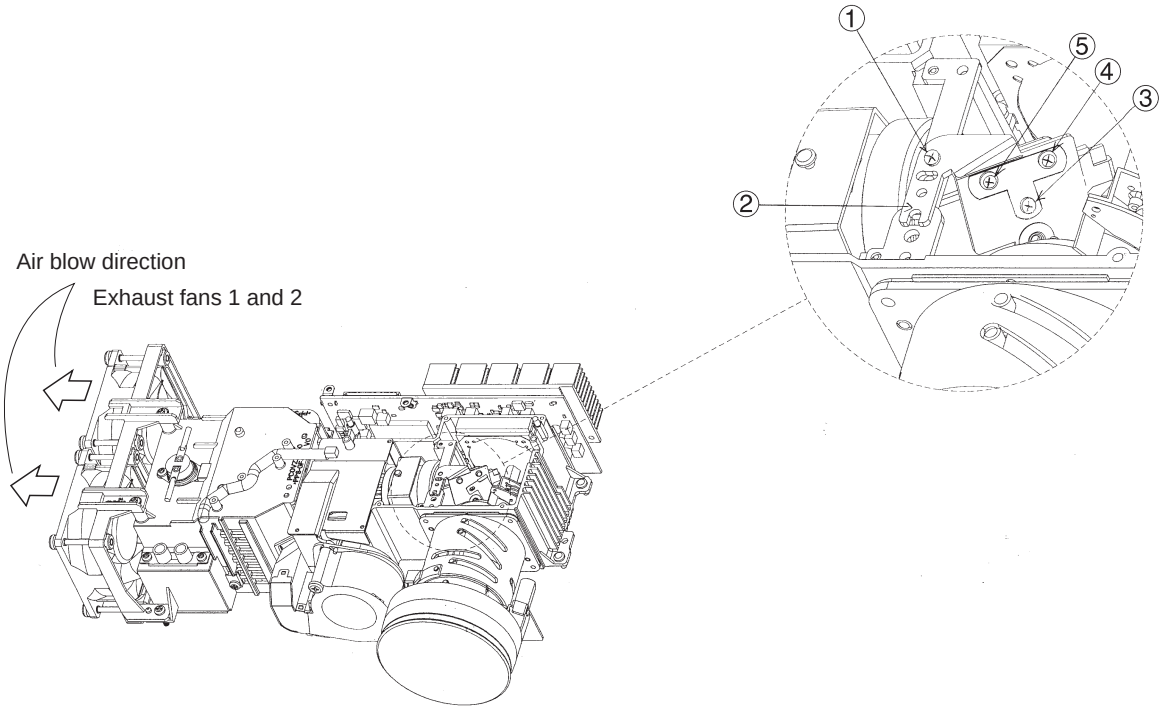
THE OPTICAL UNIT OUTLINE

Layout for proper setup of the optical components and parts (top view)

(Schematic diagram)

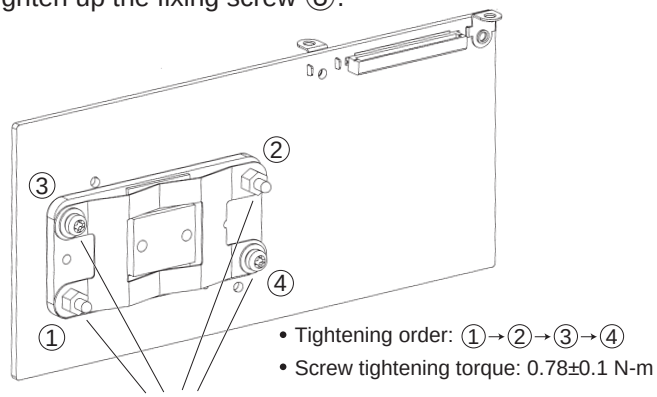


Item	Function
Lamp	Light source. DC high-pressure mercury lamp.
Color wheel	Splits light from the light source into R, G, B and W through a color filter.
Rod	Assures uniform light ray.
Illumination lenses	Focus light from the rod on DMD.
Reflection mirror	Reflects light from the illumination lenses toward DMD.
Field lens	Focuses light from the reflection mirror on DMD and then the light from DMD to the projection lens.
DMD	Turns the internal micromirror ON/OFF at the rate of color component of each dot of the input source to reflect light.
Projection lens	Enlarges light from DMD and projects it on a screen.



After replacing the DMD, if shading is present on the screen as shown in Figure 1, adjust the lighting area of the DMD by turning the adjustment screws for the optical engine.

1. Loosen the fixing screw for the adjustment lever ①. Adjust the lighting area by adjustment lever ② and then tighten the fixing screw for the adjustment lever ①.
2. If the above adjustment is insufficient, loosen the fixing screw ③ and set the adjusting screws ④ and ⑤. Finally tighten up the fixing screw ③.



When mounting the DMD element, tighten the four screws evenly.

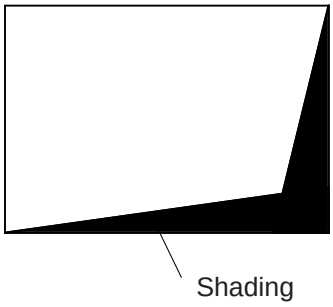
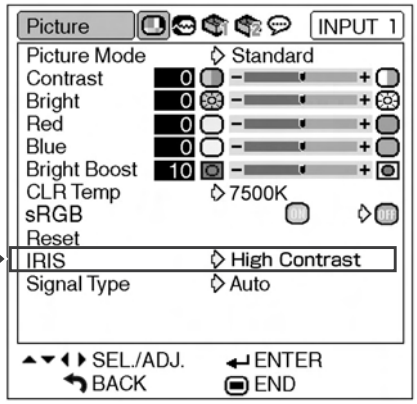
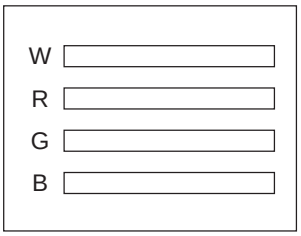


Fig. 1

When removing a projection lens, please change the setting of Iris to "high contrast" beforehand.



ELECTRICAL ADJUSTMENT

No.	Adjusting point	Adjusting conditions	Adjusting procedure
1	**EEPROM initialization**	1. Turn on the power (with the lamp on) and warm up the set for 15 minutes.	● Make the following settings. Press S3563 to call the process mode and execute "SS2" on SS menu.
2	**Adjustment of CW index**	1. Feed 64 STEP color bar or RGB lamp pattern (XGA 60 Hz) to input 1. 2. Select the following group and subject. Group: DLP Subject: Index Delay	1. Adjust the lamp patterns of RGB so that smooth patterns appear without color blend and noise. 
3	**R Contrast adjustment (manual or automatic)**	1. Send white/black window pattern signals with 91% (0.64 Vpp)/0% of amplitude level of XGA 60Hz to input 1. 2. Select the following group and subjects. Group : AD Subject : R-Contrast (Process GAMMA interlock)	1. Check the fixed value. R-Bright: 63 2. Observe the chroma of 91% white window pattern with CA100. 3. Increase the R-Contrast value on the screen with bit dropouts. Adjust the value to +5 when bright red bit dropouts occur on the black and the x value exceeds 30/100.
4	**G Contrast adjustment (manual or automatic)**	1. Send white/black window pattern signals with 91% (0.64 Vpp)/0% of amplitude level of XGA 60Hz to input 1. 2. Select the following group and subjects. Group : AD Subject : G-Contrast (Process GAMMA interlock)	1. Check the fixed value. G-Bright : 63 2. Observe the chroma of 91% white window pattern with CA100. 3. Increase the G-Contrast value on the screen with bit dropouts. Adjust the value to +5 when bright green bit dropouts occur on the black and the x value exceeds 30/100.
5	**B Contrast adjustment (manual or automatic)**	1. Send white/black window pattern signals with 91% (0.64 Vpp)/0% of amplitude level of XGA 60Hz to input 1. 2. Select the following group and subjects. Group : AD Subject : B-Contrast (Process GAMMA interlock)	1. Check the fixed value. B-Bright: 63 2. Observe the chroma of 91% white window pattern with CA100. 3. Increase the B-Contrast value on the screen with bit dropouts. Adjust the value to +5 when bright blue bit dropouts occur on the black and the x value exceeds 30/100.
6	**DTV Bright/ Contrast adjustment**	1. Select the following group and subjects. Group : DTV Subject : Contrast Bright	1. Check the fixed value. Contrast : 4 Bright : 40

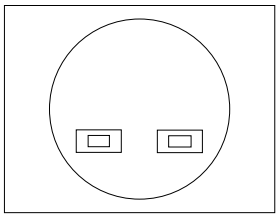
No.	Adjusting point	Adjusting conditions	Adjusting procedure
7	**DTV R Contrast adjustment (manual or automatic)**	1. Send white/black window pattern signals with 100% (0.7 Vpp)/0% of amplitude level of 480P to input 1. 2. Select the following group and subjects. Group : AD2 Subject : R-Contrast2 (Process GAMMA interlock)	1. Check the fixed value. R-Bright: 63 2. Observe the chroma of 100% white window pattern with CA100. 3. Increase the R-Contrast2 value on the screen with bit dropouts. Adjust the value to +5 when bright red bit dropouts occur on the black and the x value exceeds 30/100.
8	**DTV G Contrast adjustment (manual or automatic)**	1. Send white/black window pattern signals with 100% (0.7 Vpp)/0% of amplitude level of 480P to input 1. 2. Select the following group and subjects. Group : AD2 Subject : G-Contrast2 (Process GAMMA interlock)	1. Check the fixed value. G-Bright : 63 2. Observe the chroma of 100% white window pattern with CA100. 3. Increase the G-Contrast2 value on the screen with bit dropouts. Adjust the value to +5 when bright green bit dropouts occur on the black and the x value exceeds 30/100.
9	**DTV B Contrast adjustment (manual or automatic)**	1. Send white/black window pattern signals with 100% (0.7 Vpp)/0% of amplitude level of 480P to input 1. 2. Select the following group and subjects. Group : AD2 Subject : B-Contrast2 (Process GAMMA interlock)	1. Check the fixed value. B-Bright: 63 2. Observe the chroma of 100% white window pattern with CA100. 3. Increase the B-Contrast2 value on the screen with bit dropouts. Adjust the value to +5 when bright blue bit dropouts occur on the black and the x value exceeds 30/100.
10	**Adjustment of DTV Tint**	1. Select the following group and subject. Group : DTV Subject : Tint	1. Check the fixed value. Tint : 5
11	**Adjustment of DTV color saturation**	1. Select the following group and subject. Group : DTV Subject : Color	1. Check the fixed value. Color : 12
12	**Adjustment of DVD Bright / Contrast**	1. Select the following group and subject. Group : DVD Subject : Contrast Bright	1. Check the fixed value. Contrast : 4 Bright : 40
13	**Adjustment of DVD Tint**	1. Select the following group and subject. Group : DVD Subject : Tint	1. Check the fixed value. Tint : 5

No.	Adjusting point	Adjusting conditions	Adjusting procedure
14	**Adjustment of DVD color saturation**	1. Select the following group and subject. Group : DVD Subject : Color	1. Check the fixed value. Color : 12
15	**Video Bright / Contrast adjustment**	1. Select the following group and subjects. Group : VIDEO Subject : Contrast Bright	1. Check the fixed value. Contrast : 4 Bright : 40
16	**Adjustment of VIDEO Tint**	1. Select the following group and subject. Group : VIDEO Subject : N-Tint P-Tint S-Tint	1. Check the fixed value. N-Tint : 5 P-Tint : 5 S-Tint : 5
17	**Adjustment of VIDEO color saturation**	1. Select the following group and subject. Group : VIDEO Subject : N-Color P-Color S-Color	1. Check the fixed value. N-Color : 6 P-Color : 6 S-Color : 6
18	**RGB white balance adjustment**	1. Send gray pattern signals with 50% of amplitude level of XGA60Hz. 2. Select the following group and subjects. Group : DLP Subject : R-Contrast B-Contrast	1. Adjust R-Contrast and B-Contrast so that the following values for the chroma are obtained on CL200 base: x value: 297 ± 5 y value: 305 ± 5
19	**sRGB white balance adjustment**	1. Send gray pattern signals with 50% of amplitude level of XGA60Hz. 2. Select the following group and subjects. Group : DLP Subject : S-G-Contrast S-B-Contrast	1. Adjust S-G-Contrast and S-B-Contrast so that the following values for the chroma are obtained on CL200 (6500K) base: x value: 320 ± 5 y value: 336 ± 5
20	**Auto keystone initialization**	1. Select the following group and subjects. Group : LINE Subject : Calibration	1. Place the unit on the level surface, and adjust to 1 from 0. 2. Check that the K-Sensor value is 0 ± 3 and that the keystone is caused by inclining the unit.

Adjustment when assembling

No.	Adjusting point	Adjusting conditions	Adjusting procedure
21	**Adjustment of DLP voltage**	1. Read voltage rank of DLP description. 2. Set the switch corresponding to the rank which has been read.	1. Carry out adjustment when DLP chip has been replaced or combination of chip and formatter has been changed. Rank: B C D E Setting value: 1 2 3 4

Checkpoints

No.	Adjusting point	Adjusting conditions	Adjusting procedure
22	**Adjustment of DLP Brightness**	1. Select the following group and subject. Group : DLP Subject : R-Bright G-Bright B-Bright	1. Check the fixed value. Fixed value : 32
23	**RGB tone reproduction adjustment**	1. Feed the SMPTE pattern signal.	1. Make sure the 100% and 95% white as well as the 0% and 5% black gradations are visible. 
24	**White balance checking and readjustment**	1. RGB Inputt, sRGB Input, DTV Input, DVD Input, VIDEO Input	Check that there is no deviation of white balance with the monitor.
25	**Off-timer performance**	1. Select the following group and subjects. Group : LAMP Subject : OFF	1. Select OFF from the process mode. Make sure the off-timer starts with 5 minutes onscreen and count one minute in one second. And then indication is 0 minute, the power supply of the set is cut off.
26	**Thermistor performance checking**	1. Heat the thermistor with a hair dryer.	1. Make sure that the temperature is indicated.
27	**Auto sync performance checking**	1. Feed the phase check pattern signal.	1. In the VGA, SVGA, XGA and SXGA modes, make sure the Clock, Phase, H-Pos and V-Pos settings can be automatically adjusted.
28	**USB operation check**	1. Connect to a PC with a USB cable.	1. Check that advance/reverse operation on PC screen is possible by using remote control.
29	**LAN operation check**	1. Connect to a PC with a LAN cable.	1. Check that communication is possible.

<table>
<tr><th>No.</th><th>Adjusting point</th><th>Adjusting conditions</th><th>Adjusting procedure</th></tr>
<tr><td>30</td><td>Delivery set-tings</td><td></td><td>1. Make the following settings.
<table>
<tr><th>Destination</th><th>Process adjustment</th><th>Remote control adjustment</th></tr>
<tr><td>USA</td><td>SS4</td><td>Factory setting at 4</td></tr>
<tr><td>Europe and the Other Contries</td><td>SS3</td><td>Factory setting at 3</td></tr>
</table></td></tr>
</table>

AF (autofocus) inspection

< Camera >

Required conditions:

1. Place the unit in front of the screen (size: 60-inch diagonal) at the distance of 1.8m. There is no light source such as a fluorescent light or reflector in the background.
2. Focus is adjusted correctly.
3. RGB input of 256-gradation pattern.

Method:

1. Send AF inspection command ("_CMR 1").
2. Check that the response command is "OK".

< AF function >

Required conditions:

1. Place the unit in front of the screen (size: 60-inch diagonal) at the distance of 1.8m. There is no light source such as a fluorescent light or reflector in the background.

Method:

1. Press the AF button. AF operation must end within 11 seconds.
2. Check that the difference from the just focus point is within ±15cm.

* The above time applies when the focus start position is not fixed.
After the camera inspection, AF operation must end within 6 seconds.

Calling and quitting the process mode with the control keys on this model.

* Although it is possible for the process OUT to exit using the process menu, the IN/OUT toggle command is also available considering the existing specification.

1. Calling and quitting
   With the menu not displayed, press the "ENTER", "VOL+", "VOL-", "VOL+", "VOL-", "ENTER" and "MENU" keys on the set.
2. Others
   Press the S3563 process key (toggle) on the main PWB to call and quit the process menu.

Note: When adjusting in the process mode, set a signal with a vertical frequency of 60 Hz or no signal. (May not be properly adjusted with other signals.)

Resetting the lamp timer for this model

1. Resetting procedure
   In Stand-by, run this command to clear the operating time of the lamp to 0 and turn on the power.
   Press and hold "DOWN", "ENTER", and "MENU", and then press the "ON" key of the set.

Forced disabling of the System-Lock of this model

1. Disabling procedure
   With System-Lock input window onscreen, press the "MENU", "ENTER", "MENU", "ENTER", "MENU", "ENTER" and "MENU" keys on the set.

● Adjustment mode process menu

Adjustment mode process menu 1

* Adjust only the shaded items below.

	Adjustment Process Menu	
First layer	DTV	VERSION
	DVD	SS
	VIDEO	TEMP
	AD	OPTION
	AD2	LAMP
	DLP	LINE
	VIDEO1	
	Pedestal	EXIT

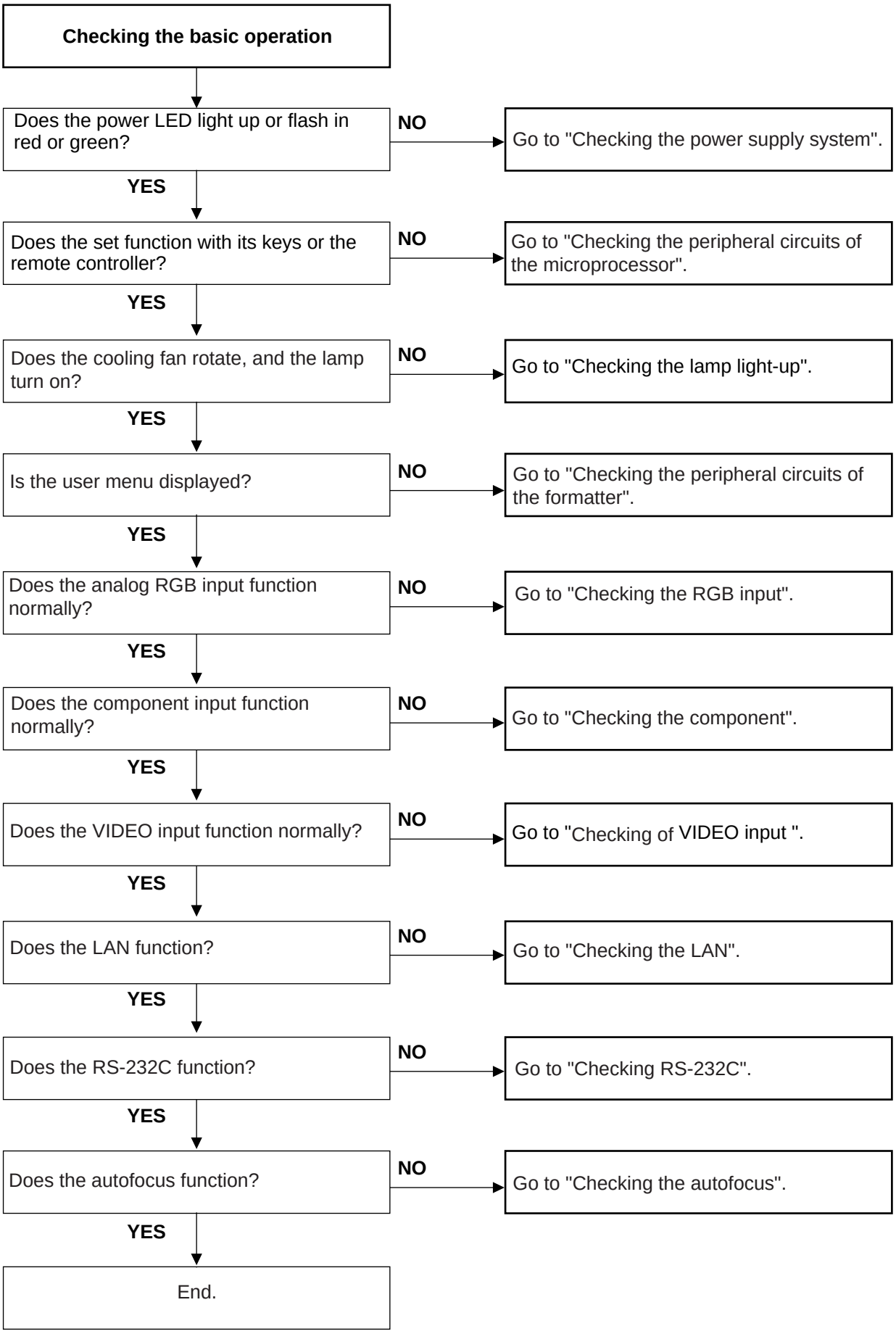
second layer		Initial Value
DTV	Contrast	4
	Tint	5
	Color	12
	Sharpness	2
	Bright	40
	B-DRIVE	41
	R-DRIVE	41
	EXIT	
DVD	Contrast	4
	Tint	5
	Color	12
	Sharpness	3
	Bright	40
	B-DRIVE	41
	R-DRIVE	41
	EXIT	
VIDEO	Contrast	4
	N-Tint	5
	P-Tint	5
	S-Tint	5
	N-Color	6
	P-Color	6
	S-Color	6
	Sharpness	3
	Bright	40
	B-DRIVE	41
	R-DRIVE	41
	EXIT	
AD	R-Bright	63
	G-Bright	63
	B-Bright	63
	R-Contrast	155
	G-Contrast	155
	B-Contrast	155
	EXIT	

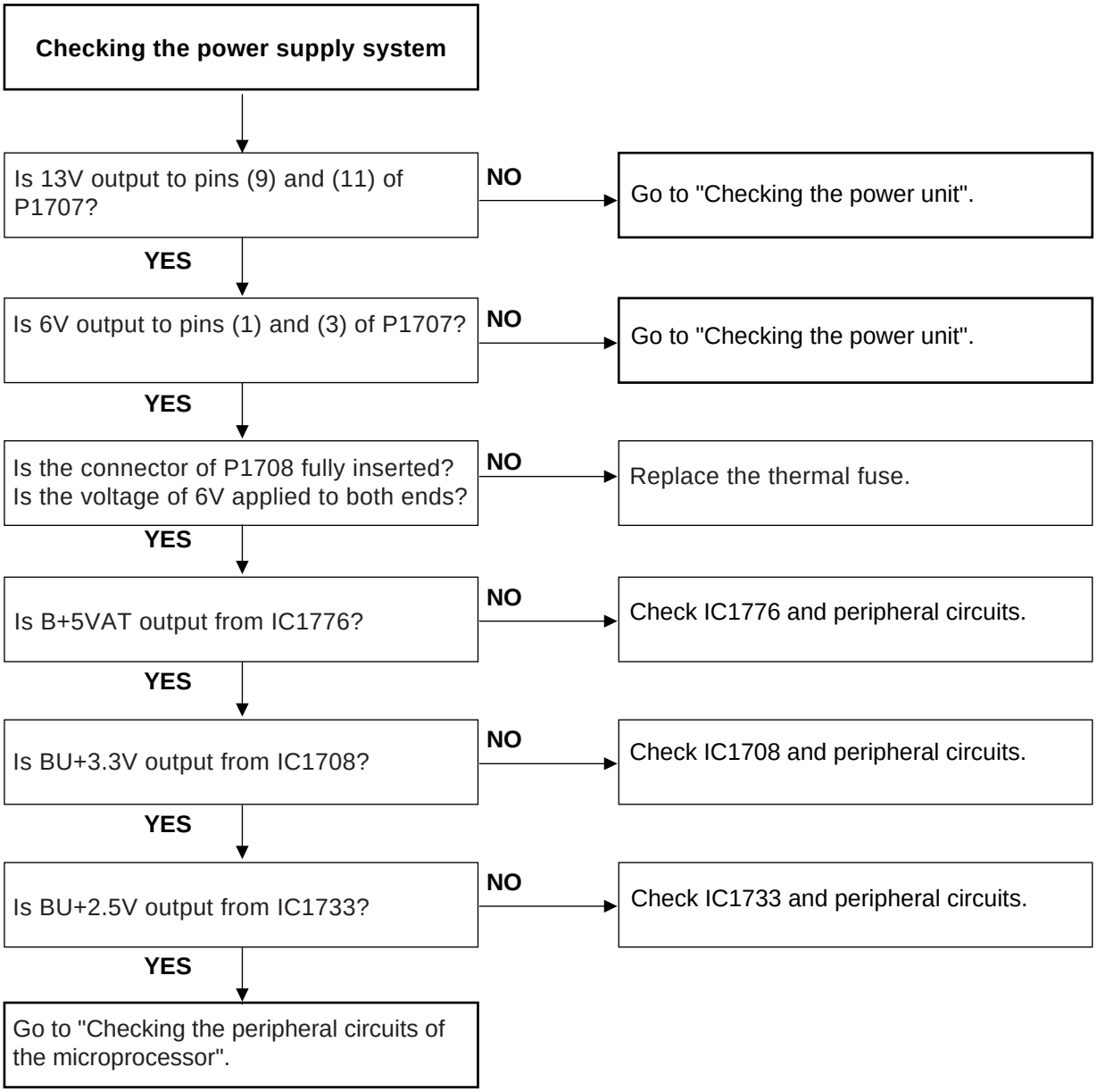
second layer		Initial Value
AD2	R-Bright2	63
	G-Bright2	63
	B-Bright2	63
	R-Contrast2	155
	G-Contrast2	155
	B-Contrast2	155
	EXIT	
DLP	Index Delay	10500
	R-Bright	32
	G-Bright	32
	B-Bright	32
	R-Contrast	34
	G-Contrast	34
	B-Contrast	34
	SR-Cont	34
	SG-Cont	34
	SB-Cont	34
	EXIT	
VIDEO1	N-Contrast	13
	P-Contrast	13
	S-Contrast	14
	Color	17
	NT3.58Delay	1
	NT4.43Delay	1
	PAL Delay	1
	SECAM Delay	3
	EXIT	
Pedestal	R-Bright	-10
	G-Bright	-10
	B-Bright	-10
	R-Contrast	15
	G-Contrast	15
	B-Contrast	15
	EXIT	

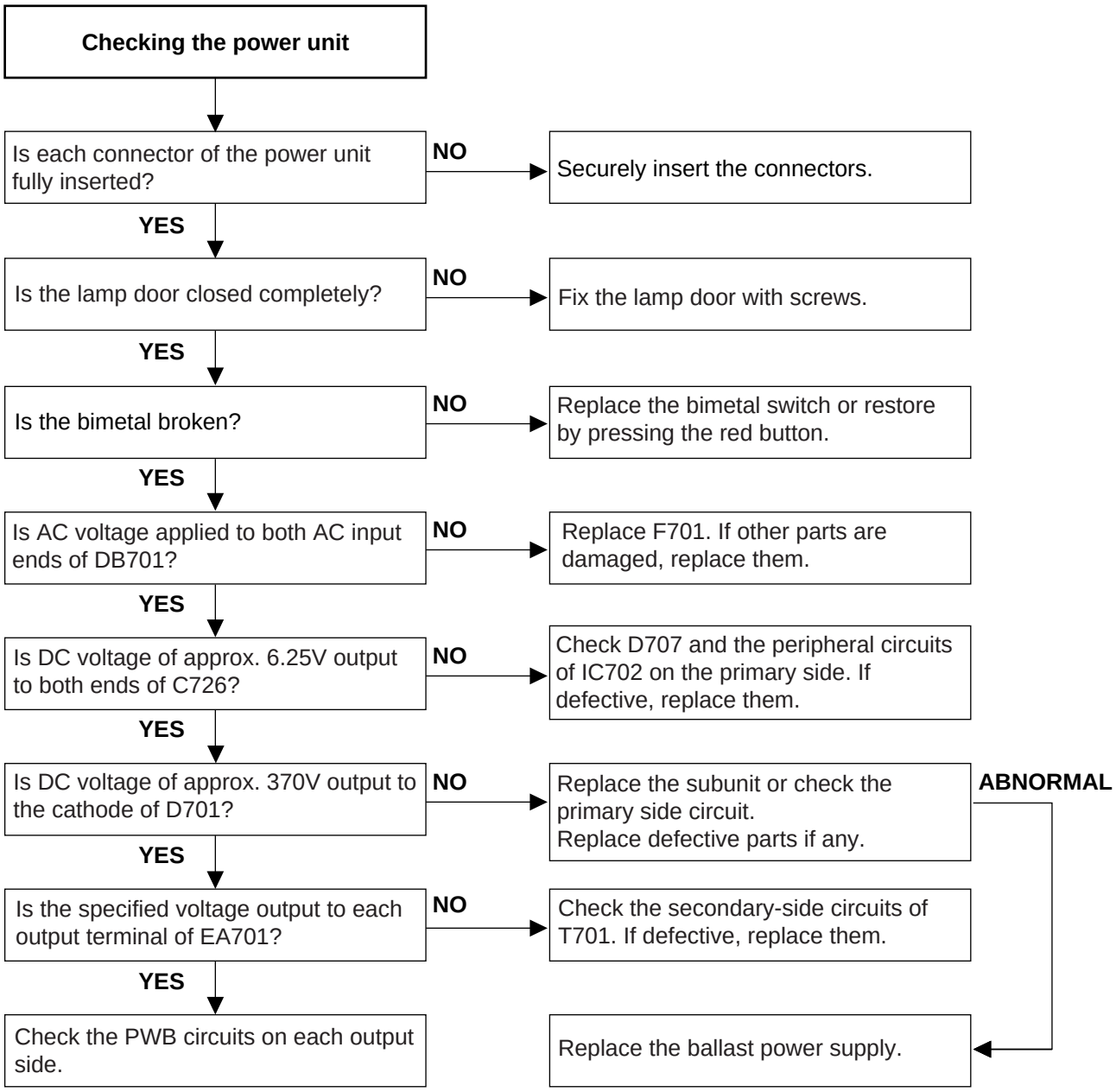
Adjustment mode process menu 2

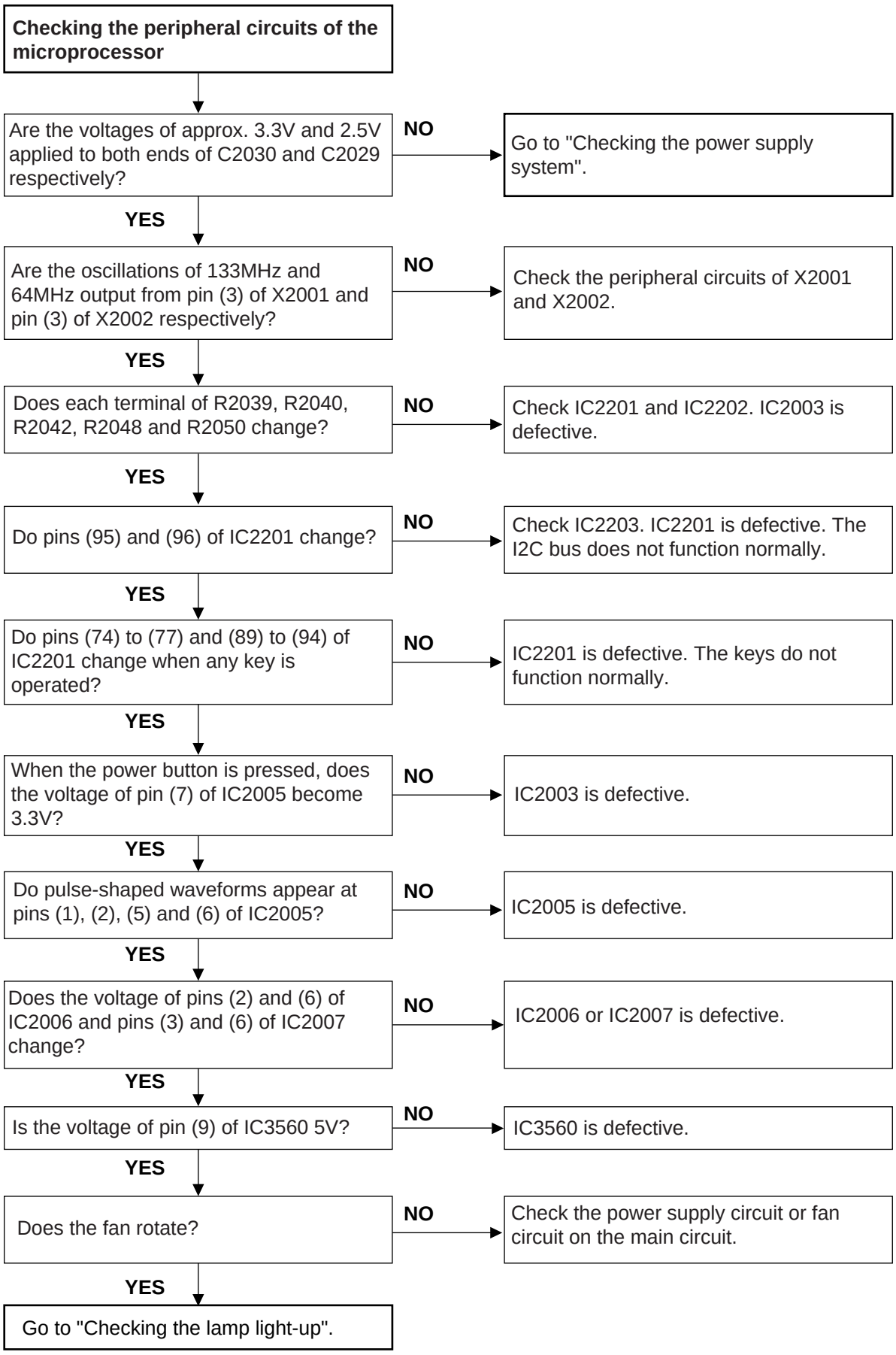
second layer		Initial Value
VERSION	Build	
	Boot Code	
	Config	
	RomCode	
	GUI	
	DLP	
	AF Unit	
	LAN	
	EXIT	
SS	SS2	
	SS3 EU	
	SS4 US	
	SS5 JPN	
	SS6 CHIN	
	EXIT	
TEMP	Temp1	Parameter of sensor1
	Temp2	Parameter of sensor2
	EXIT	
OPTION	Pixel Gamma	Standard RGB
	DLP Gamma	4
	EXIT	
LAMP	Current Time	Current time of use
	History1	One Earlier
	History2	Two Earlier
	History3	Three Earlier
	History4	Four Earlier
	TOTAL TIME	Total operating hours
	EXIT	
LINE	OFF	
	LED CHECK	
	Calibration	
	K-Senser	
	EXIT	

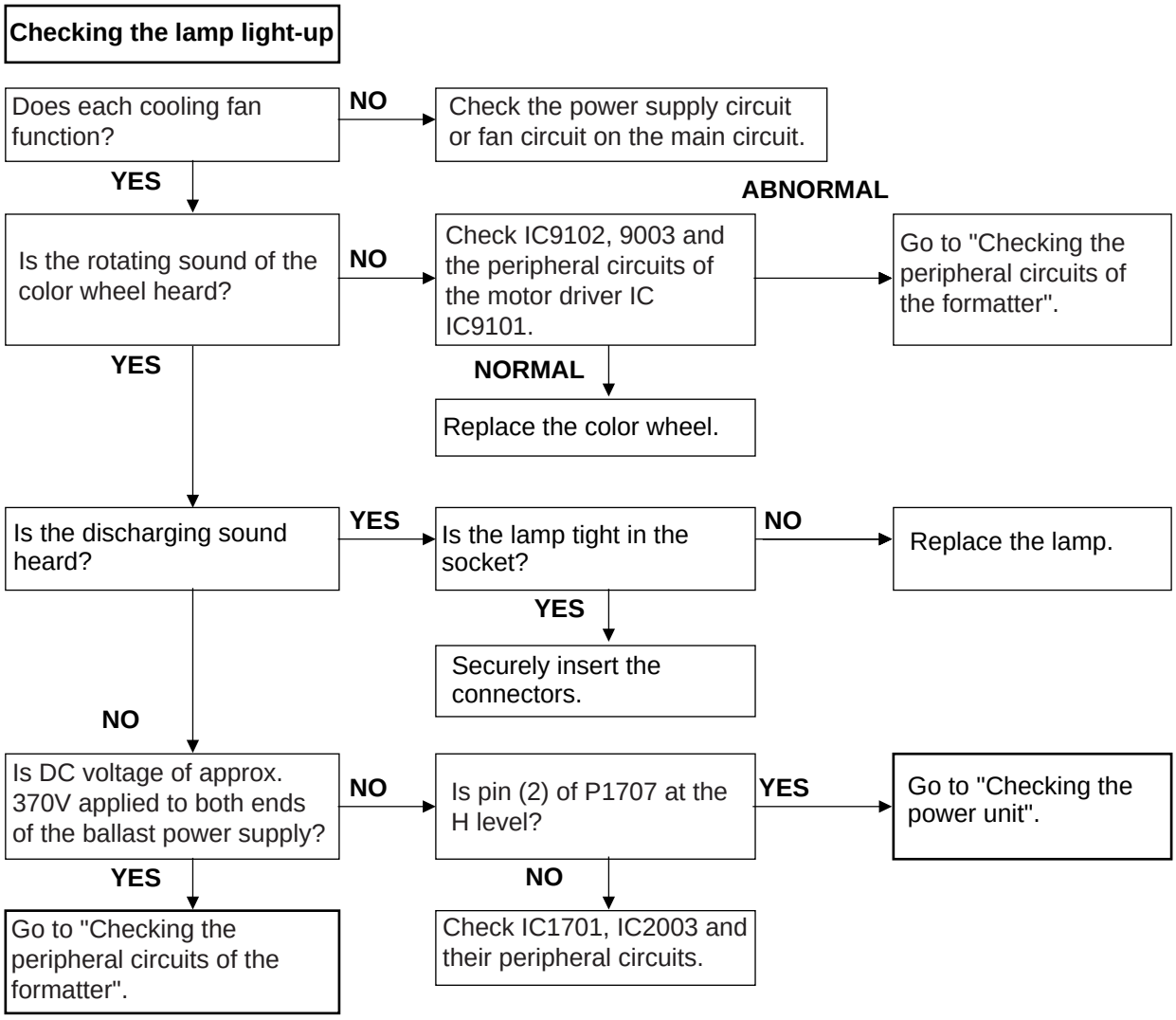
TROUBLESHOOTING TABLE

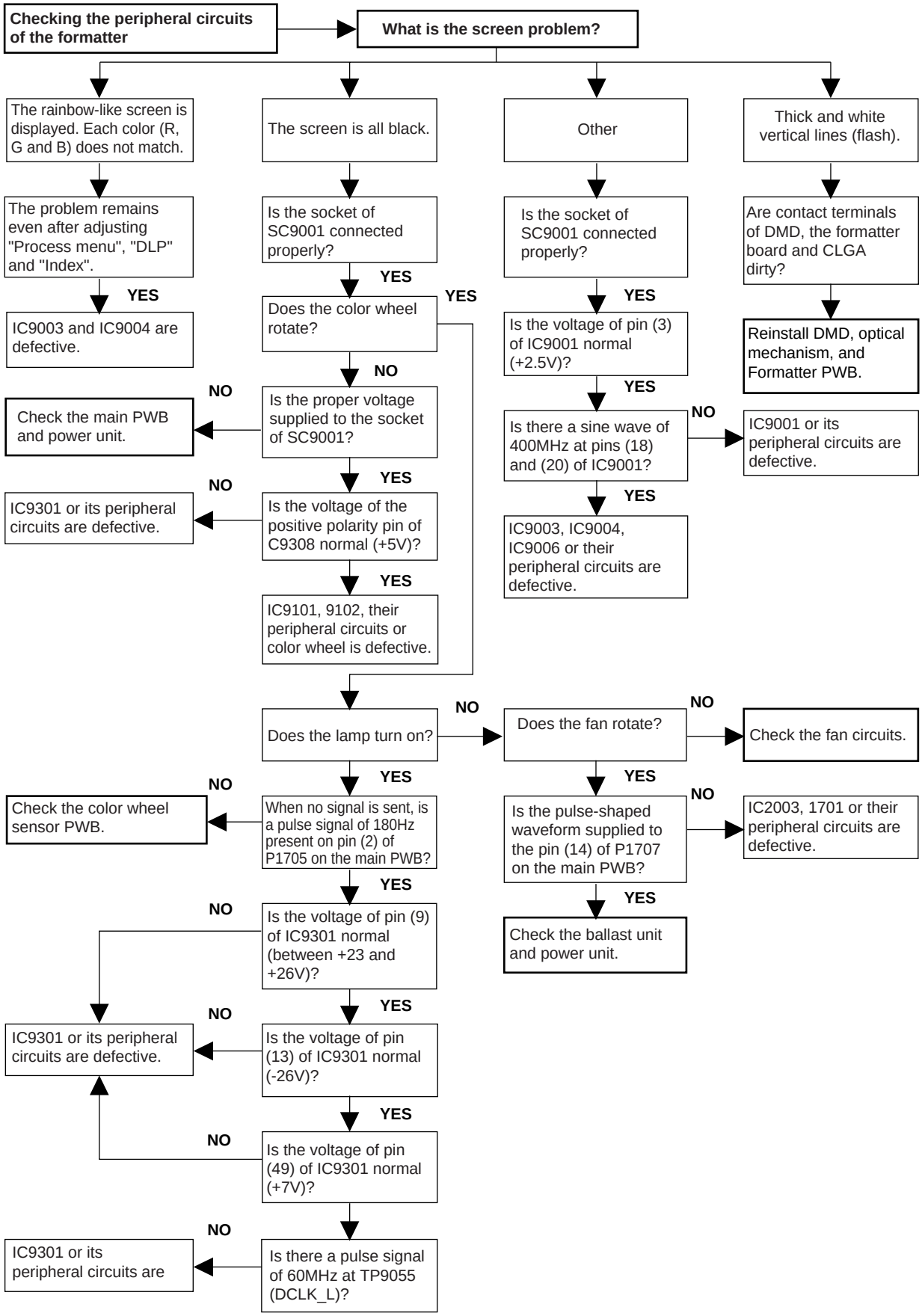


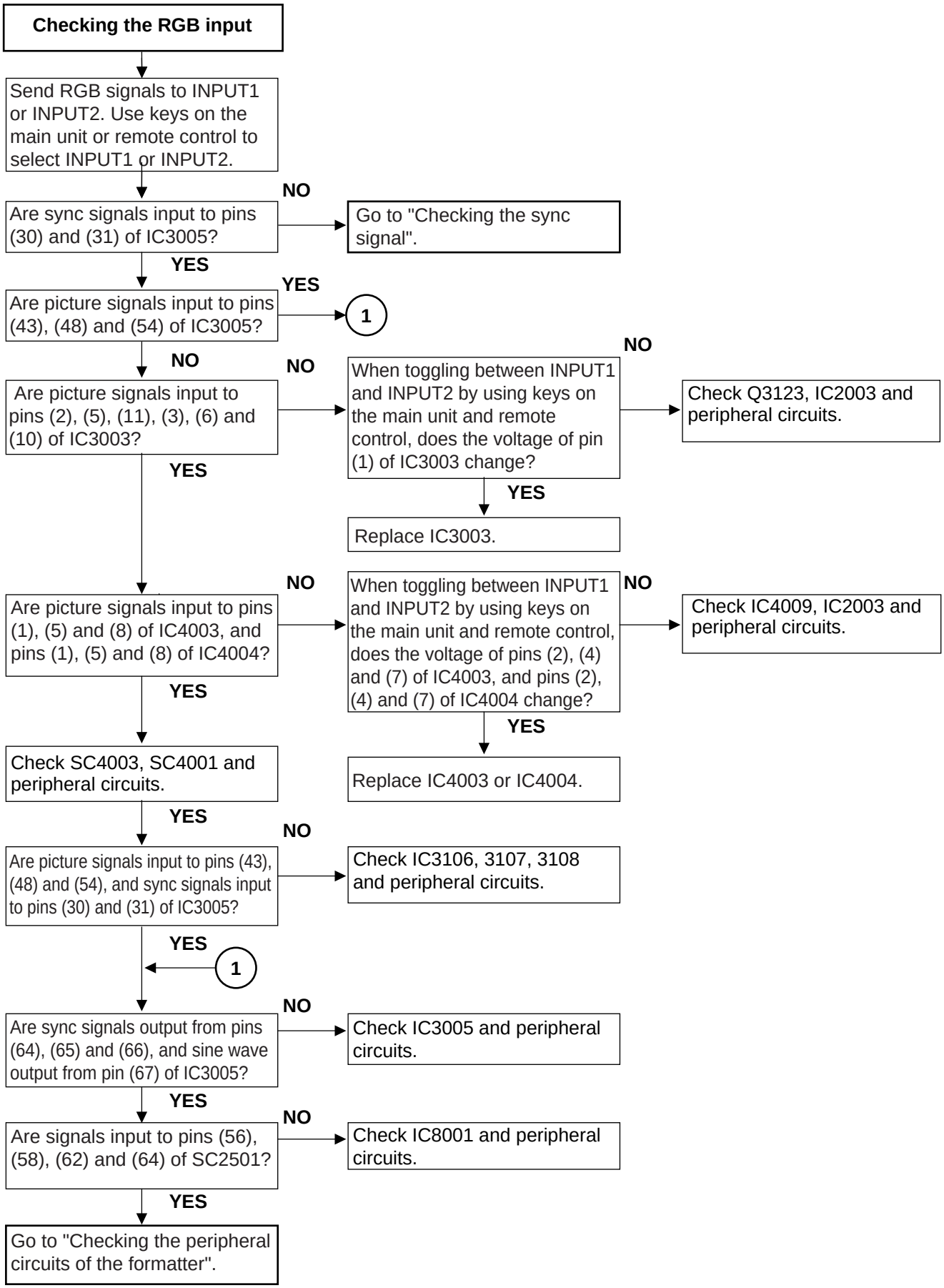

Checking the power supply system
Is 13V output to pins (9) and (11) of P1707?
NO
Go to "Checking the power unit".
YES
Is 6V output to pins (1) and (3) of P1707?
NO
Go to "Checking the power unit".
YES
Is the connector of P1708 fully inserted? Is the voltage of 6V applied to both ends?
NO
Replace the thermal fuse.
YES
Is B+5VAT output from IC1776?
NO
Check IC1776 and peripheral circuits.
YES
Is BU+3.3V output from IC1708?
NO
Check IC1708 and peripheral circuits.
YES
Is BU+2.5V output from IC1733?
NO
Check IC1733 and peripheral circuits.
YES
Go to "Checking the peripheral circuits of the microprocessor".

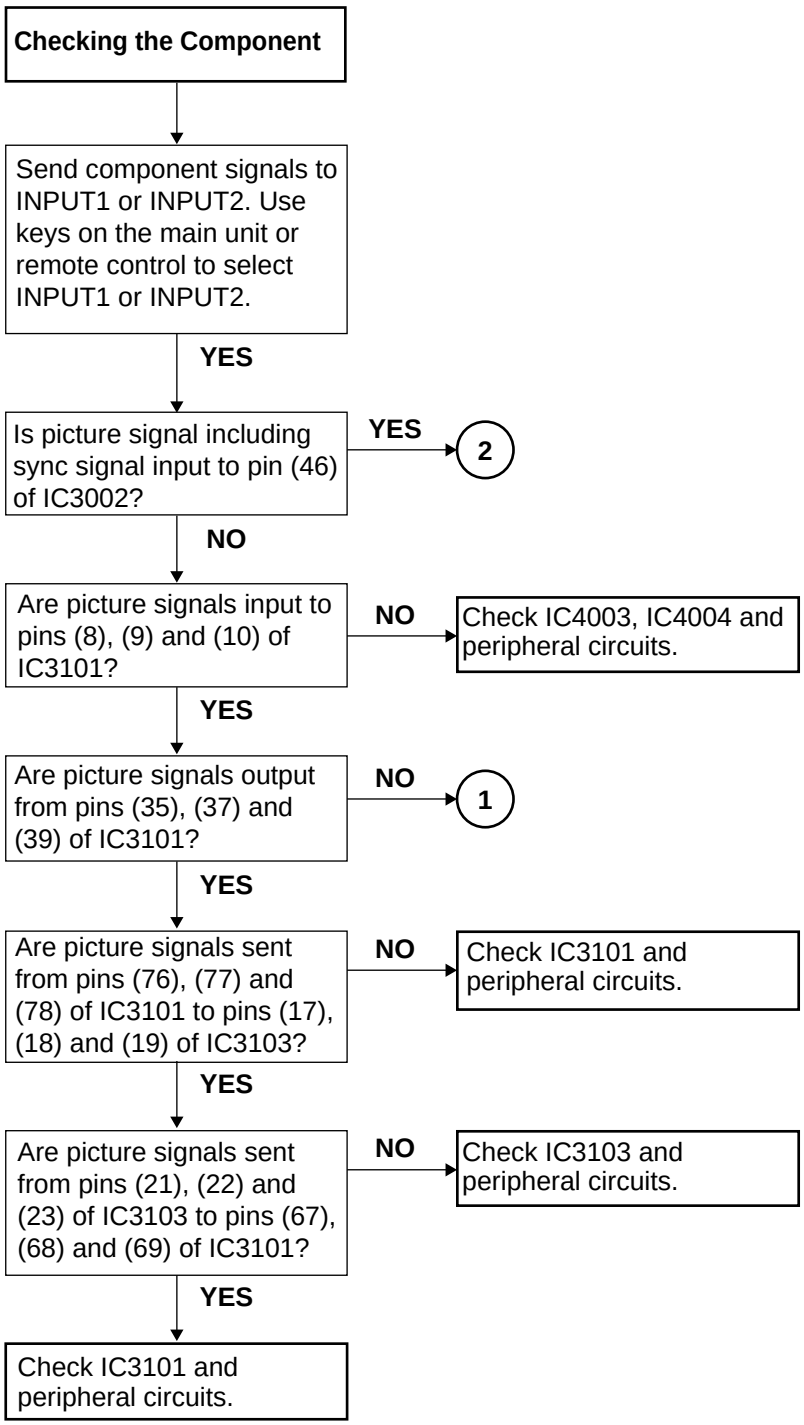

Checking the power unit
Is each connector of the power unit fully inserted?
NO
Securely insert the connectors.
YES
Is the lamp door closed completely?
NO
Fix the lamp door with screws.
YES
Is the bimetal broken?
NO
Replace the bimetal switch or restore by pressing the red button.
YES
Is AC voltage applied to both AC input ends of DB701?
NO
Replace F701. If other parts are damaged, replace them.
YES
Is DC voltage of approx. 6.25V output to both ends of C726?
NO
Check D707 and the peripheral circuits of IC702 on the primary side. If defective, replace them.
YES
Is DC voltage of approx. 370V output to the cathode of D701?
NO
Replace the subunit or check the primary side circuit.
Replace defective parts if any.
ABNORMAL
YES
Is the specified voltage output to each output terminal of EA701?
NO
Check the secondary-side circuits of T701. If defective, replace them.
YES
Check the PWB circuits on each output side.
Replace the ballast power supply.

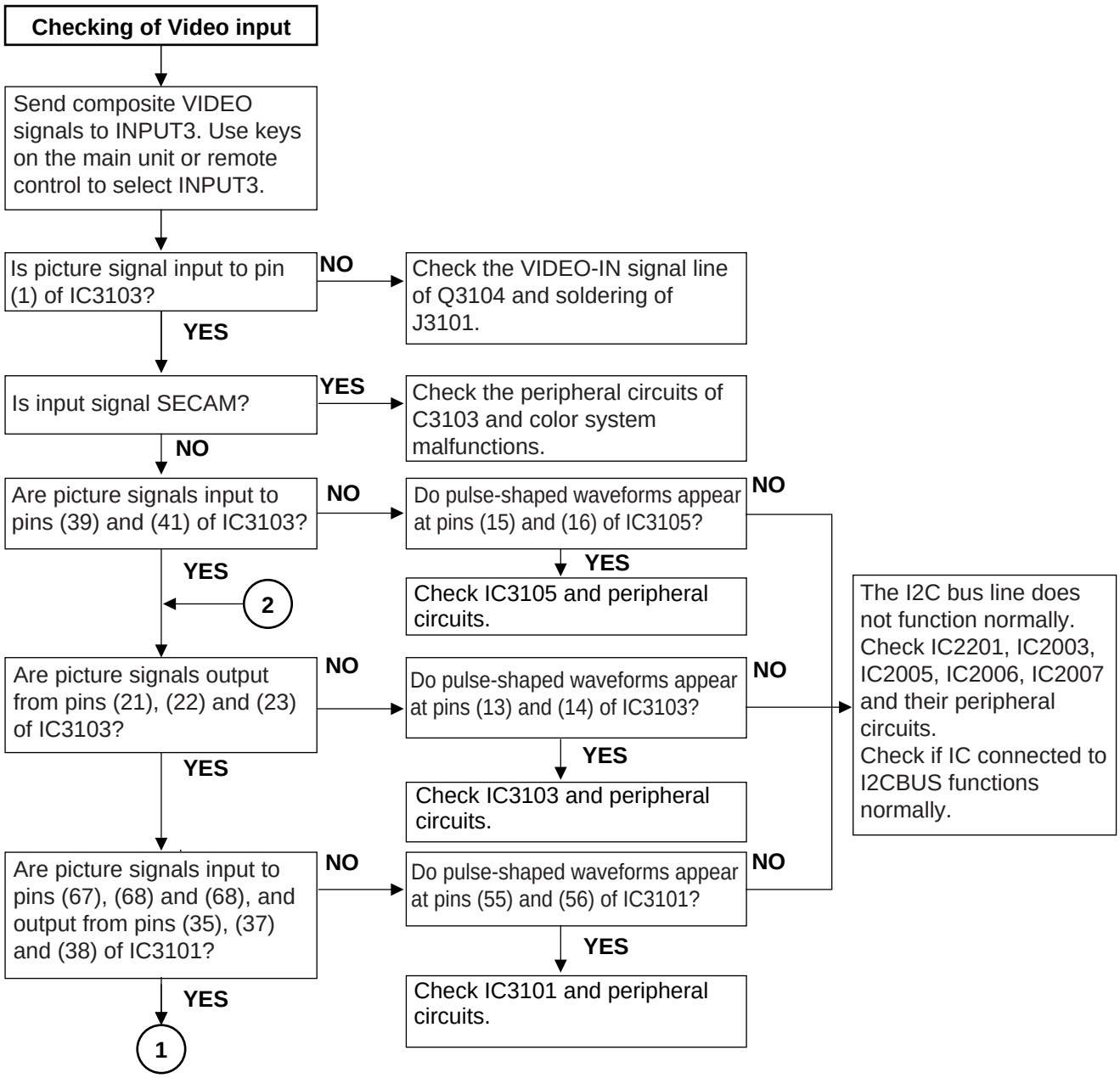

Checking the peripheral circuits of the microprocessor
Are the voltages of approx. 3.3V and 2.5V applied to both ends of C2030 and C2029 respectively?
NO
Go to "Checking the power supply system".
YES
Are the oscillations of 133MHz and 64MHz output from pin (3) of X2001 and pin (3) of X2002 respectively?
NO
Check the peripheral circuits of X2001 and X2002.
YES
Does each terminal of R2039, R2040, R2042, R2048 and R2050 change?
NO
Check IC2201 and IC2202. IC2003 is defective.
YES
Do pins (95) and (96) of IC2201 change?
NO
Check IC2203. IC2201 is defective. The I2C bus does not function normally.
YES
Do pins (74) to (77) and (89) to (94) of IC2201 change when any key is operated?
NO
IC2201 is defective. The keys do not function normally.
YES
When the power button is pressed, does the voltage of pin (7) of IC2005 become 3.3V?
NO
IC2003 is defective.
YES
Do pulse-shaped waveforms appear at pins (1), (2), (5) and (6) of IC2005?
NO
IC2005 is defective.
YES
Does the voltage of pins (2) and (6) of IC2006 and pins (3) and (6) of IC2007 change?
NO
IC2006 or IC2007 is defective.
YES
Is the voltage of pin (9) of IC3560 5V?
NO
IC3560 is defective.
YES
Does the fan rotate?
NO
Check the power supply circuit or fan circuit on the main circuit.
YES
Go to "Checking the lamp light-up".

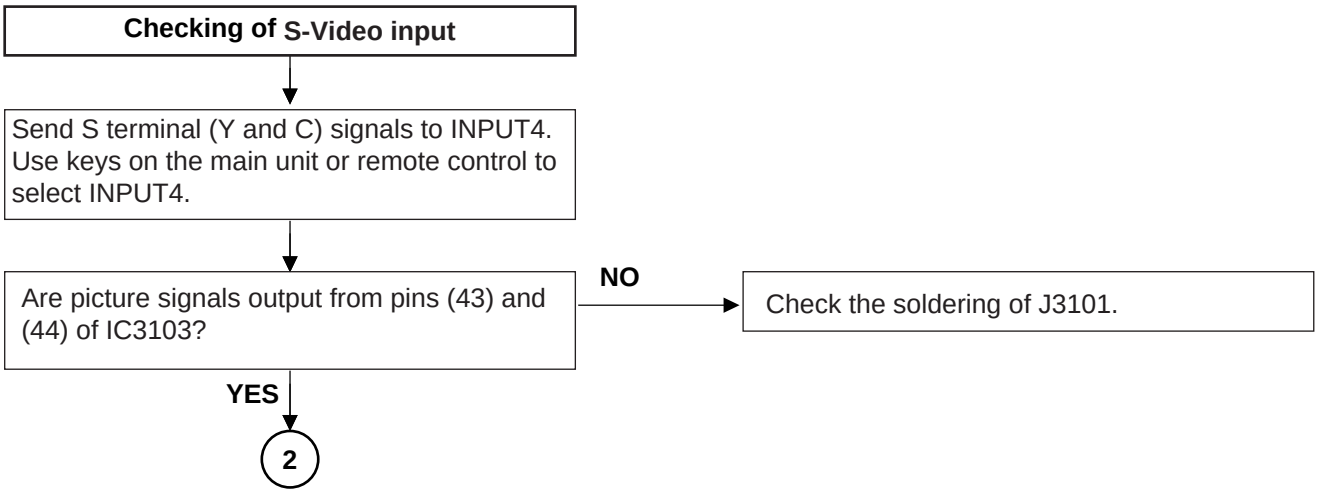

Checking the lamp light-up
Does each cooling fan function?
NO
Check the power supply circuit or fan circuit on the main circuit.
YES
ABNORMAL
Is the rotating sound of the color wheel heard?
NO
Check IC9102, 9003 and the peripheral circuits of the motor driver IC IC9101.
Go to "Checking the peripheral circuits of the formatter".
YES
NORMAL
Replace the color wheel.
Is the discharging sound heard?
YES
Is the lamp tight in the socket?
NO
Replace the lamp.
YES
Securely insert the connectors.
NO
Is DC voltage of approx. 370V applied to both ends of the ballast power supply?
NO
Is pin (2) of P1707 at the H level?
YES
Go to "Checking the power unit".
YES
NO
Go to "Checking the peripheral circuits of the formatter".
Check IC1701, IC2003 and their peripheral circuits.

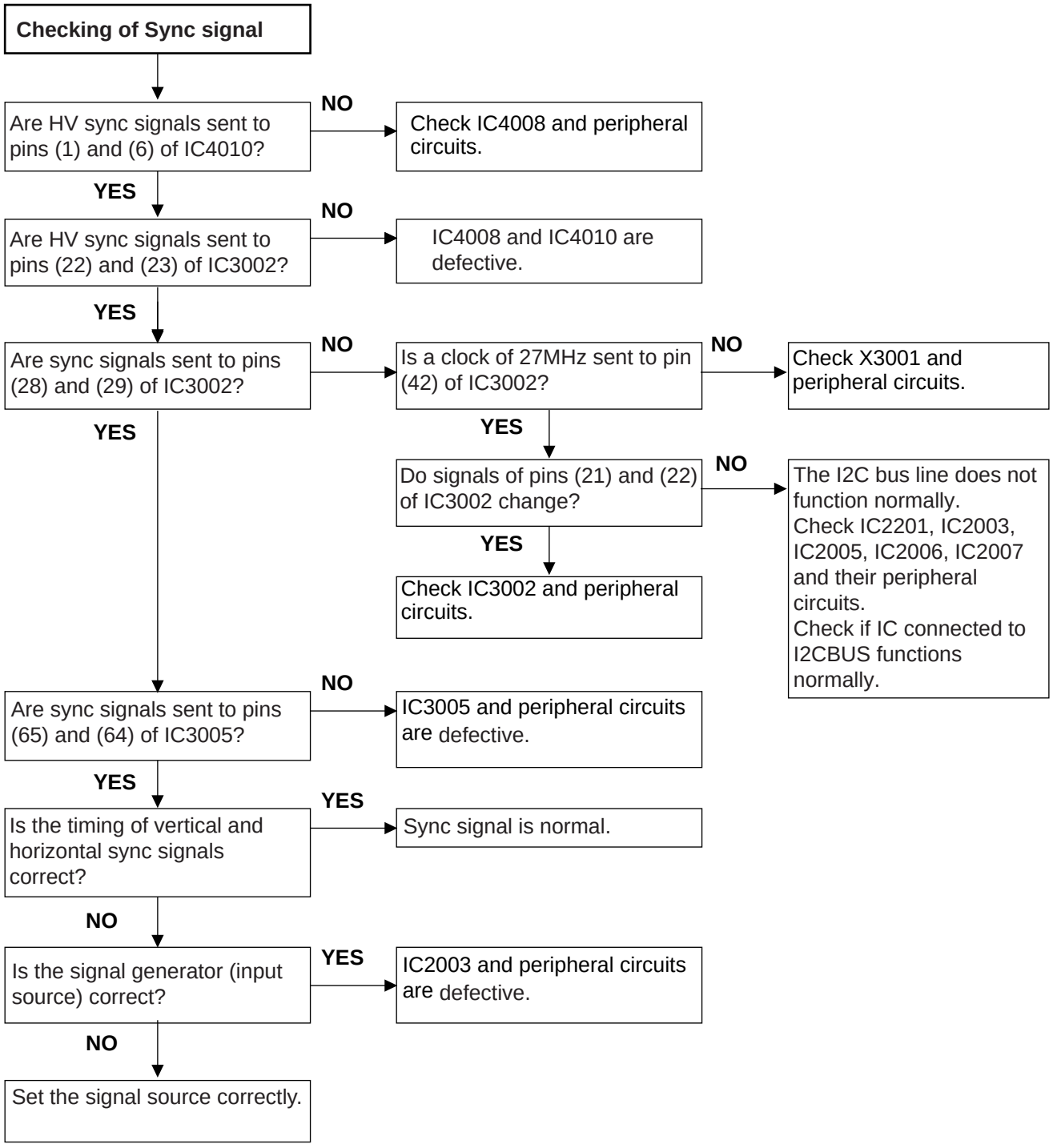

Checking the peripheral circuits of the formatter
What is the screen problem?
The rainbow-like screen is displayed. Each color (R, G and B) does not match.
The problem remains even after adjusting "Process menu", "DLP" and "Index".
YES
IC9003 and IC9004 are defective.
The screen is all black.
Is the socket of SC9001 connected properly?
YES
Does the color wheel rotate?
YES
NO
Is the proper voltage supplied to the socket of SC9001?
NO
Check the main PWB and power unit.
YES
Is the voltage of the positive polarity pin of C9308 normal (+5V)?
NO
IC9301 or its peripheral circuits are defective.
YES
IC9101, 9102, their peripheral circuits or color wheel is defective.
Other
Is the socket of SC9001 connected properly?
YES
Is the voltage of pin (3) of IC9001 normal (+2.5V)?
YES
Is there a sine wave of 400MHz at pins (18) and (20) of IC9001?
NO
IC9001 or its peripheral circuits are defective.
YES
IC9003, IC9004, IC9006 or their peripheral circuits are defective.
Thick and white vertical lines (flash).
Are contact terminals of DMD, the formatter board and CLGA dirty?
Reinstall DMD, optical mechanism, and Formatter PWB.
Does the lamp turn on?
NO
Does the fan rotate?
NO
Check the fan circuits.
YES
Is the pulse-shaped waveform supplied to the pin (14) of P1707 on the main PWB?
NO
IC2003, 1701 or their peripheral circuits are defective.
YES
Check the ballast unit and power unit.
YES
When no signal is sent, is a pulse signal of 180Hz present on pin (2) of P1705 on the main PWB?
NO
Check the color wheel sensor PWB.
YES
Is the voltage of pin (9) of IC9301 normal (between +23 and +26V)?
NO
YES
Is the voltage of pin (13) of IC9301 normal (-26V)?
NO
IC9301 or its peripheral circuits are defective.
YES
Is the voltage of pin (49) of IC9301 normal (+7V)?
NO
YES
Is there a pulse signal of 60MHz at TP9055 (DCLK_L)?
NO
IC9301 or its peripheral circuits are

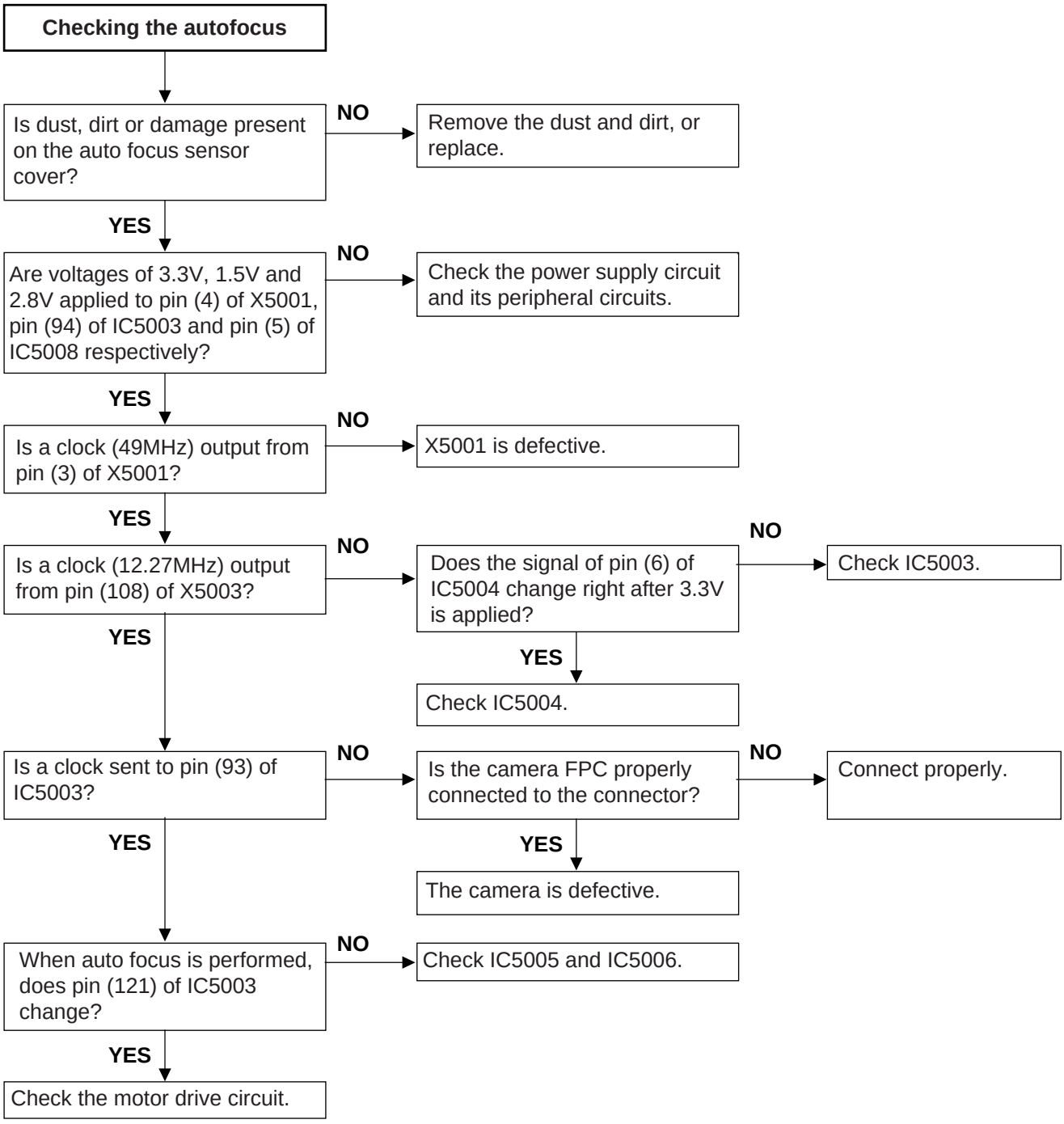

Checking the RGB input
Send RGB signals to INPUT1 or INPUT2. Use keys on the main unit or remote control to select INPUT1 or INPUT2.
Are sync signals input to pins (30) and (31) of IC3005?
NO
Go to "Checking the sync signal".
YES
Are picture signals input to pins (43), (48) and (54) of IC3005?
YES
1
NO
Are picture signals input to pins (2), (5), (11), (3), (6) and (10) of IC3003?
NO
When toggling between INPUT1 and INPUT2 by using keys on the main unit and remote control, does the voltage of pin (1) of IC3003 change?
NO
Check Q3123, IC2003 and peripheral circuits.
YES
Replace IC3003.
YES
Are picture signals input to pins (1), (5) and (8) of IC4003, and pins (1), (5) and (8) of IC4004?
NO
When toggling between INPUT1 and INPUT2 by using keys on the main unit and remote control, does the voltage of pins (2), (4) and (7) of IC4003, and pins (2), (4) and (7) of IC4004 change?
NO
Check IC4009, IC2003 and peripheral circuits.
YES
Replace IC4003 or IC4004.
YES
Check SC4003, SC4001 and peripheral circuits.
YES
Are picture signals input to pins (43), (48) and (54), and sync signals input to pins (30) and (31) of IC3005?
NO
Check IC3106, 3107, 3108 and peripheral circuits.
YES
1
Are sync signals output from pins (64), (65) and (66), and sine wave output from pin (67) of IC3005?
NO
Check IC3005 and peripheral circuits.
YES
Are signals input to pins (56), (58), (62) and (64) of SC2501?
NO
Check IC8001 and peripheral circuits.
YES
Go to "Checking the peripheral circuits of the formatter".

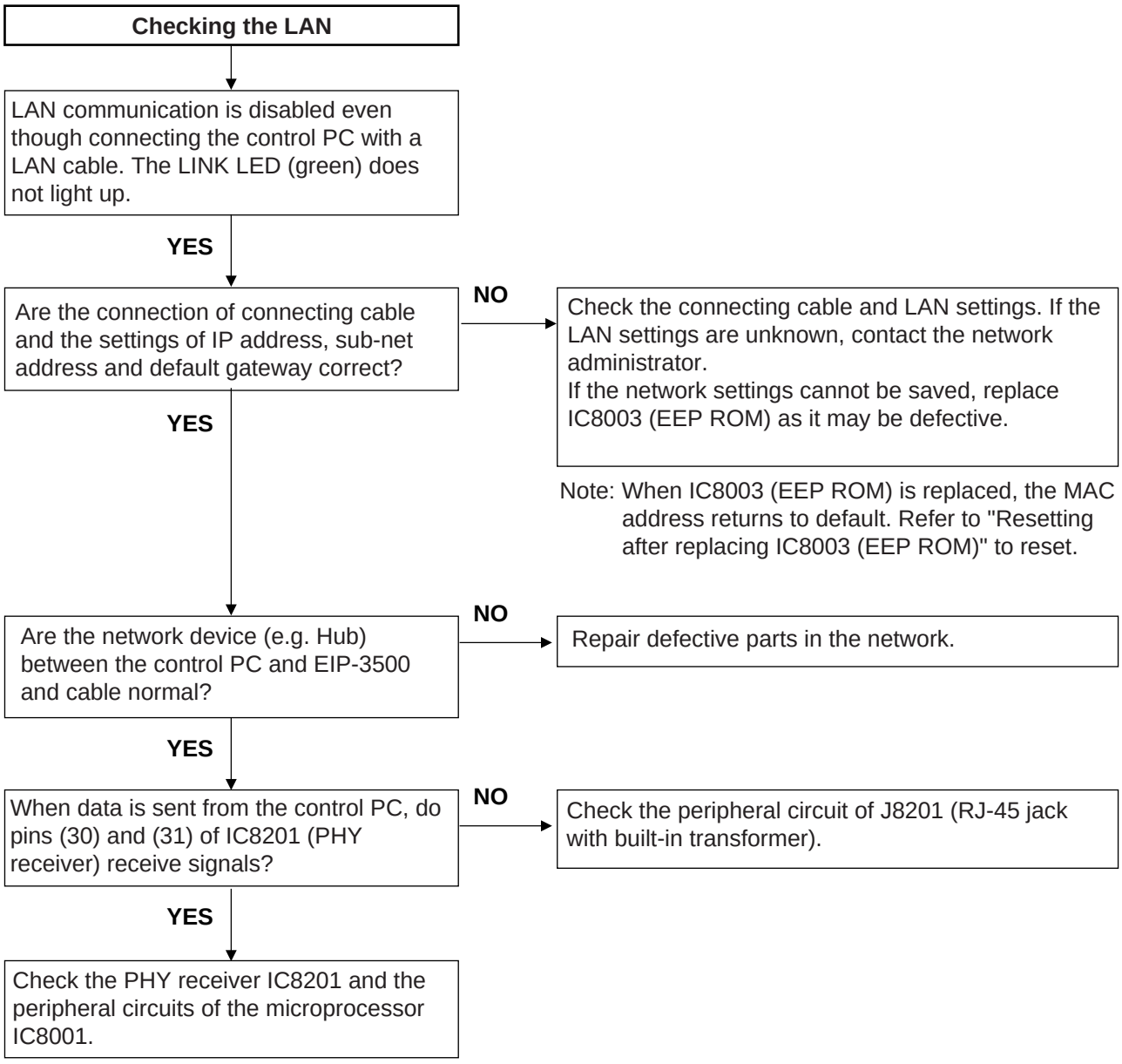

Checking the Component
Send component signals to INPUT1 or INPUT2. Use keys on the main unit or remote control to select INPUT1 or INPUT2.
YES
Is picture signal including sync signal input to pin (46) of IC3002?
YES
2
NO
Are picture signals input to pins (8), (9) and (10) of IC3101?
NO
Check IC4003, IC4004 and peripheral circuits.
YES
Are picture signals output from pins (35), (37) and (39) of IC3101?
NO
1
YES
Are picture signals sent from pins (76), (77) and (78) of IC3101 to pins (17), (18) and (19) of IC3103?
NO
Check IC3101 and peripheral circuits.
YES
Are picture signals sent from pins (21), (22) and (23) of IC3103 to pins (67), (68) and (69) of IC3101?
NO
Check IC3103 and peripheral circuits.
YES
Check IC3101 and peripheral circuits.


Checking of Video input
Send composite VIDEO signals to INPUT3. Use keys on the main unit or remote control to select INPUT3.
Is picture signal input to pin (1) of IC3103?
NO
Check the VIDEO-IN signal line of Q3104 and soldering of J3101.
YES
Is input signal SECAM?
YES
Check the peripheral circuits of C3103 and color system malfunctions.
NO
Are picture signals input to pins (39) and (41) of IC3103?
NO
Do pulse-shaped waveforms appear at pins (15) and (16) of IC3105?
NO
YES
Check IC3105 and peripheral circuits.
YES
2
Are picture signals output from pins (21), (22) and (23) of IC3103?
NO
Do pulse-shaped waveforms appear at pins (13) and (14) of IC3103?
NO
YES
Check IC3103 and peripheral circuits.
YES
Are picture signals input to pins (67), (68) and (68), and output from pins (35), (37) and (38) of IC3101?
NO
Do pulse-shaped waveforms appear at pins (55) and (56) of IC3101?
NO
YES
Check IC3101 and peripheral circuits.
YES
1
The I2C bus line does not function normally.
Check IC2201, IC2003, IC2005, IC2006, IC2007 and their peripheral circuits.
Check if IC connected to I2CBUS functions normally.

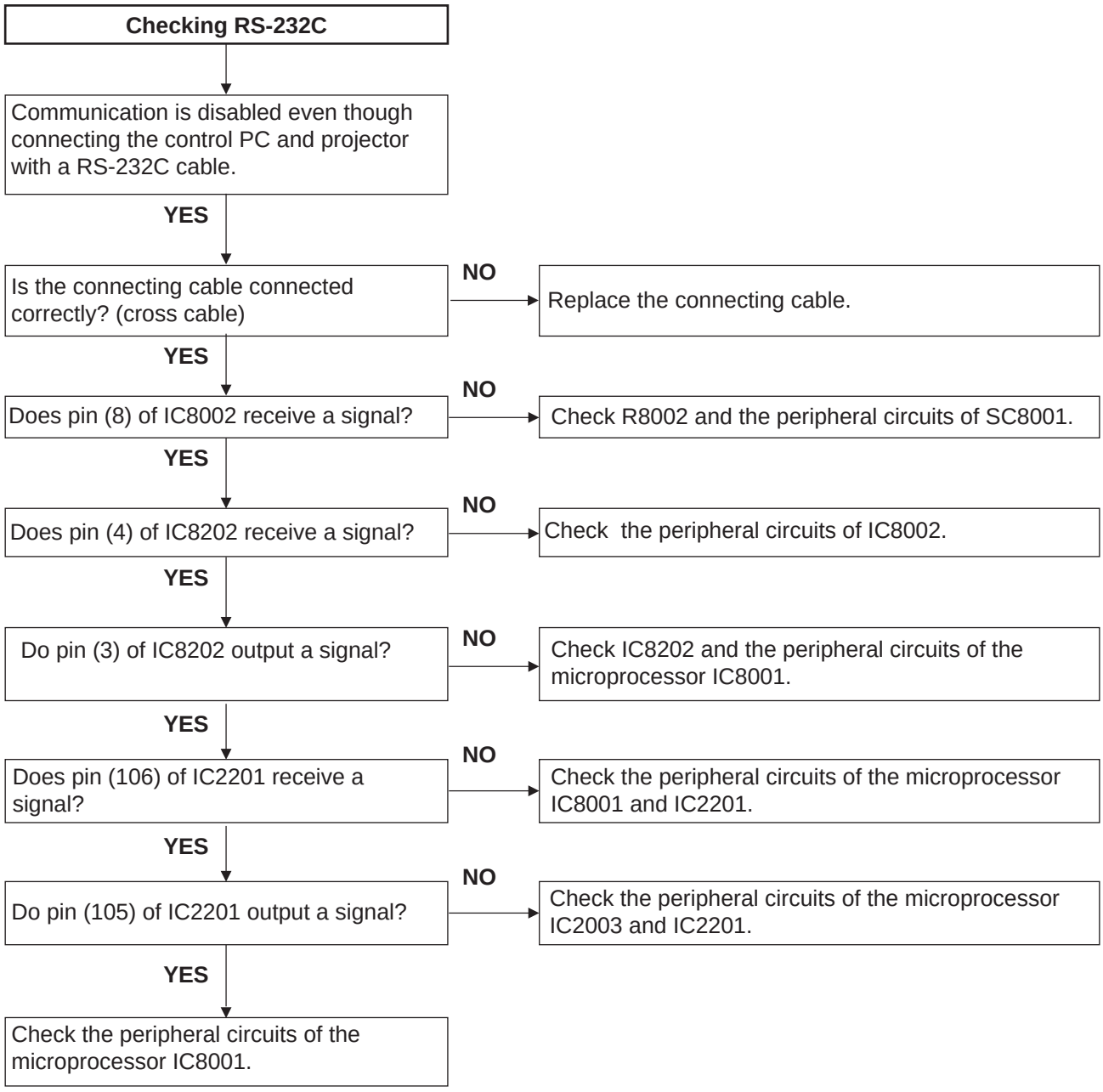

Checking of S-Video input
Send S terminal (Y and C) signals to INPUT4. Use keys on the main unit or remote control to select INPUT4.
Are picture signals output from pins (43) and (44) of IC3103?
NO
Check the soldering of J3101.
YES
2


Checking of Sync signal
Are HV sync signals sent to pins (1) and (6) of IC4010?
NO
Check IC4008 and peripheral circuits.
YES
Are HV sync signals sent to pins (22) and (23) of IC3002?
NO
IC4008 and IC4010 are defective.
YES
Are sync signals sent to pins (28) and (29) of IC3002?
NO
Is a clock of 27MHz sent to pin (42) of IC3002?
NO
Check X3001 and peripheral circuits.
YES
Do signals of pins (21) and (22) of IC3002 change?
NO
The I2C bus line does not function normally.
Check IC2201, IC2003, IC2005, IC2006, IC2007 and their peripheral circuits.
Check if IC connected to I2CBUS functions normally.
YES
Check IC3002 and peripheral circuits.
YES
Are sync signals sent to pins (65) and (64) of IC3005?
NO
IC3005 and peripheral circuits are defective.
YES
Is the timing of vertical and horizontal sync signals correct?
YES
Sync signal is normal.
NO
Is the signal generator (input source) correct?
YES
IC2003 and peripheral circuits are defective.
NO
Set the signal source correctly.


Checking the autofocus
Is dust, dirt or damage present on the auto focus sensor cover?
NO
Remove the dust and dirt, or replace.
YES
Are voltages of 3.3V, 1.5V and 2.8V applied to pin (4) of X5001, pin (94) of IC5003 and pin (5) of IC5008 respectively?
NO
Check the power supply circuit and its peripheral circuits.
YES
Is a clock (49MHz) output from pin (3) of X5001?
NO
X5001 is defective.
YES
Is a clock (12.27MHz) output from pin (108) of X5003?
NO
Does the signal of pin (6) of IC5004 change right after 3.3V is applied?
NO
Check IC5003.
YES
Check IC5004.
YES
Is a clock sent to pin (93) of IC5003?
NO
Is the camera FPC properly connected to the connector?
NO
Connect properly.
YES
The camera is defective.
YES
When auto focus is performed, does pin (121) of IC5003 change?
NO
Check IC5005 and IC5006.
YES
Check the motor drive circuit.


Checking the LAN
LAN communication is disabled even though connecting the control PC with a LAN cable. The LINK LED (green) does not light up.
YES
Are the connection of connecting cable and the settings of IP address, sub-net address and default gateway correct?
NO
Check the connecting cable and LAN settings. If the LAN settings are unknown, contact the network administrator.
If the network settings cannot be saved, replace IC8003 (EEP ROM) as it may be defective.
YES
Are the network device (e.g. Hub) between the control PC and EIP-3500 and cable normal?
NO
Repair defective parts in the network.
YES
When data is sent from the control PC, do pins (30) and (31) of IC8201 (PHY receiver) receive signals?
NO
Check the peripheral circuit of J8201 (RJ-45 jack with built-in transformer).
YES
Check the PHY receiver IC8201 and the peripheral circuits of the microprocessor IC8001.

Note: When IC8003 (EEP ROM) is replaced, the MAC address returns to default. Refer to "Resetting after replacing IC8003 (EEP ROM)" to reset.


Checking RS-232C
Communication is disabled even though connecting the control PC and projector with a RS-232C cable.
YES
Is the connecting cable connected correctly? (cross cable)
NO
Replace the connecting cable.
YES
Does pin (8) of IC8002 receive a signal?
NO
Check R8002 and the peripheral circuits of SC8001.
YES
Does pin (4) of IC8202 receive a signal?
NO
Check the peripheral circuits of IC8002.
YES
Do pin (3) of IC8202 output a signal?
NO
Check IC8202 and the peripheral circuits of the microprocessor IC8001.
YES
Does pin (106) of IC2201 receive a signal?
NO
Check the peripheral circuits of the microprocessor IC8001 and IC2201.
YES
Do pin (105) of IC2201 output a signal?
NO
Check the peripheral circuits of the microprocessor IC2003 and IC2201.
YES
Check the peripheral circuits of the microprocessor IC8001.

Resetting after replacing IC8003 (EEP ROM)

MAC address returns to default. Follow the steps below to reset.

① Open the top cabinet of the projector and confirm the MAC address (MAC: **********) of the seal on the PWB.
② Connect the control PC and projector with a RS-232C cable.
③ Turn on the AC power supply.
④ EEP ROM returns to default.
⑤ Turn off the AC power supply and turn on again.
⑥ Set MAC address by using the RS-232C command. (Refer to "MAC address setting" for the setting procedure.)
⑦ Enter | __ | L | M | A | | | | 1 | and check the response.
Check that it is the same as the set MAC address.
⑧ Setting is completed.

MAC address setting

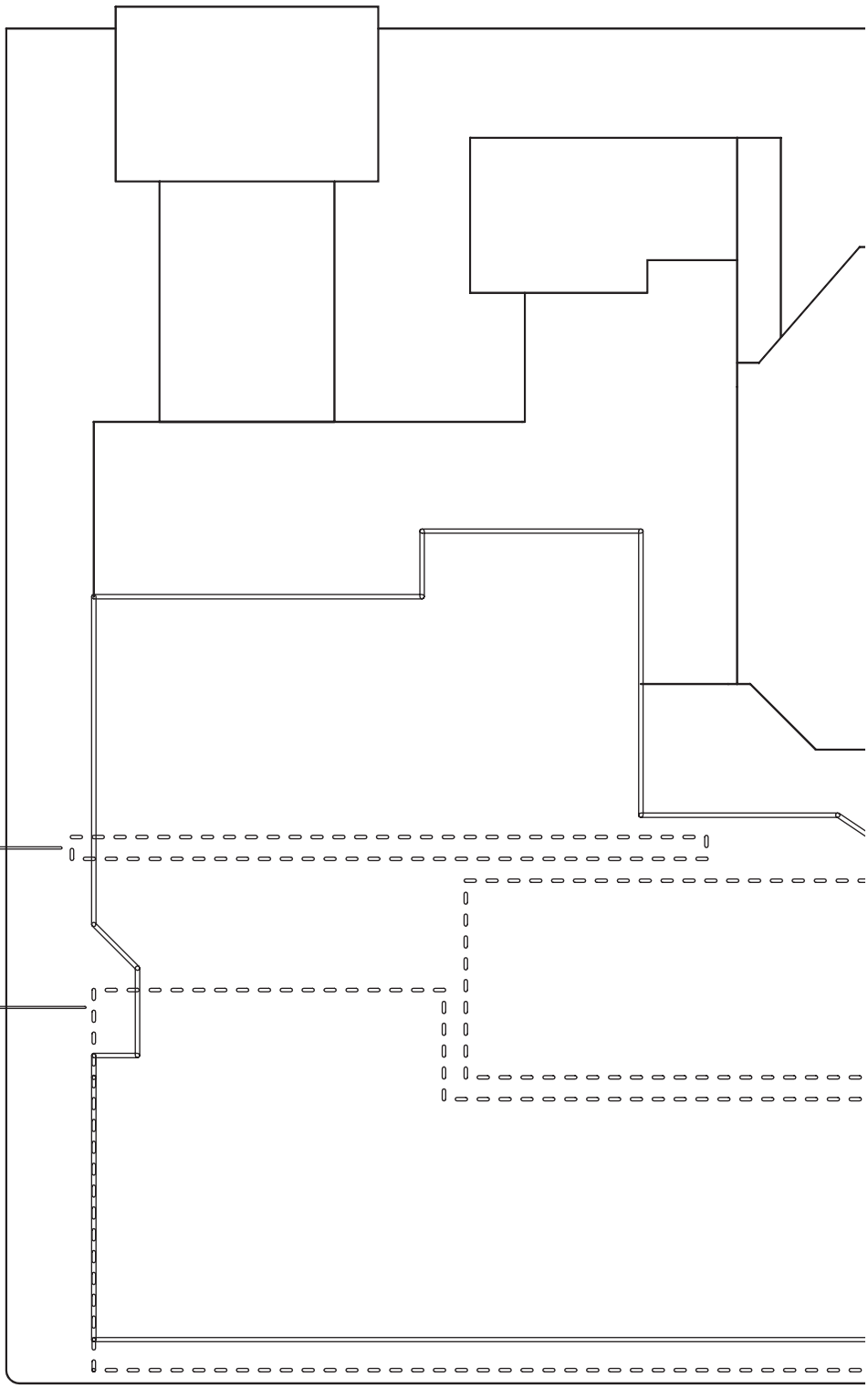
RS-232C commands to be used

__	L	M	A	0	0	*1	*2	*1	1st byte of the MAC address	*2	2nd byte of the MAC address
__	L	M	A	1	0	*3	*4	*3	3rd byte of the MAC address	*4	4th byte of the MAC address
__	L	M	A	2	0	*5	*6	*5	5th byte of the MAC address	*6	6th byte of the MAC address
__	L	M	A	3	0	*7	*8	*7	7th byte of the MAC address	*8	8th byte of the MAC address
__	L	M	A	4	0	*9	*10	*9	9th byte of the MAC address	*10	10th byte of the MAC address
__	L	M	A	5	0	*11	*12	*11	11th byte of the MAC address	*12	12th byte of the MAC address

① Enter | __ | L | M | A | 0 | 0 | *1 | *2 | and [*2], and press "ENTER".
Responds "OK".
② Enter | __ | L | M | A | 1 | 0 | *3 | *4 | and [*2], and press "ENTER".
Responds "OK".
③ Enter | __ | L | M | A | 2 | 0 | *5 | *6 | and [*2], and press "ENTER".
Responds "OK".
④ Enter | __ | L | M | A | 3 | 0 | *7 | *8 | and [*2], and press "ENTER".
Responds "OK".
⑤ Enter | __ | L | M | A | 4 | 0 | *9 | *10 | and [*2], and press "ENTER".
Responds "OK".
⑥ Enter | __ | L | M | A | 5 | 0 | *11 | *12 | and [*2], and press "ENTER".

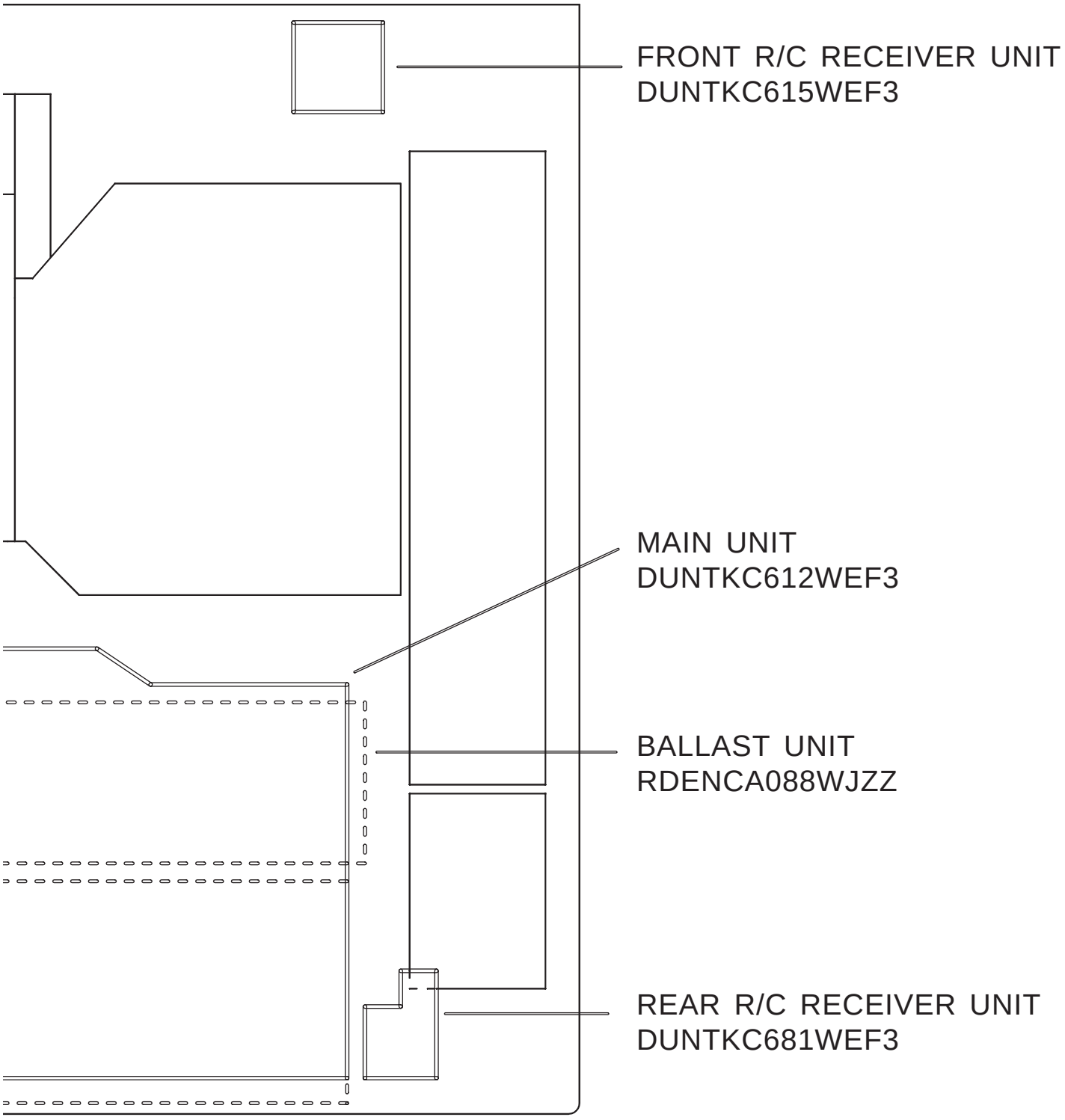
MAC address setting is completed.

CHASSIS LAYOUT



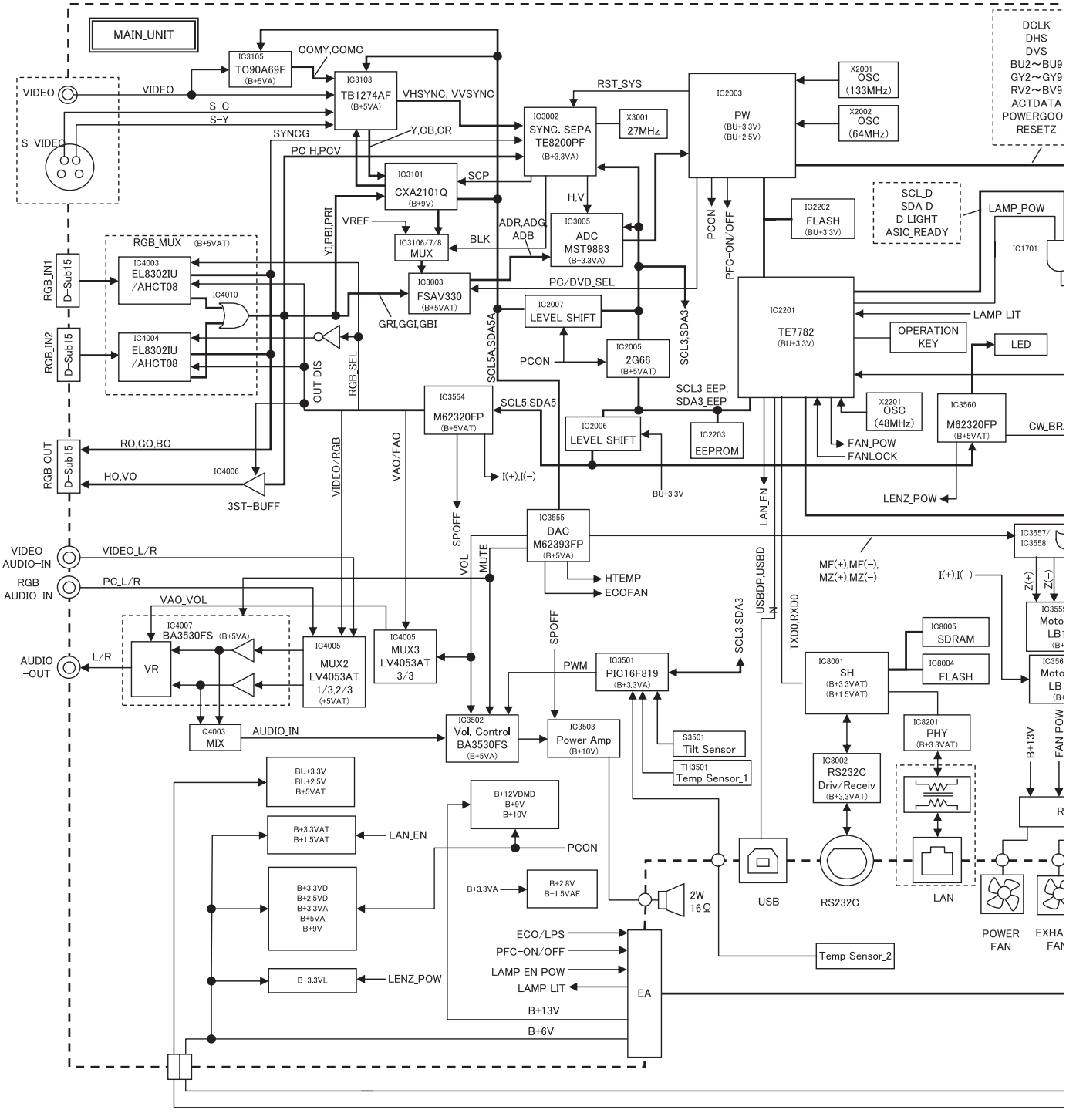
H G F E D C B A

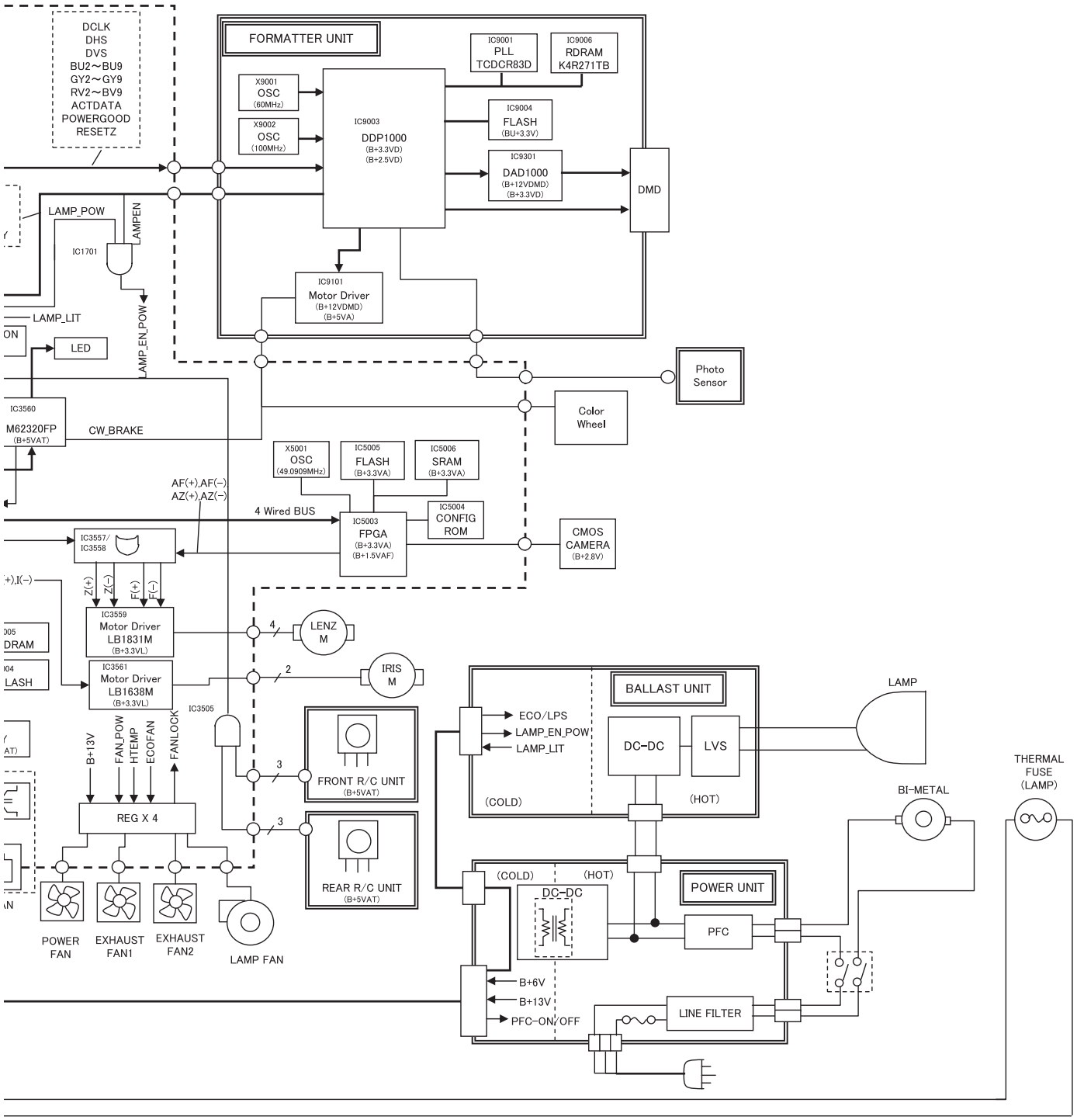
1 2 3 4 5 6 7 8 9 10



10	11	12	13	14	15	16	17	18	19

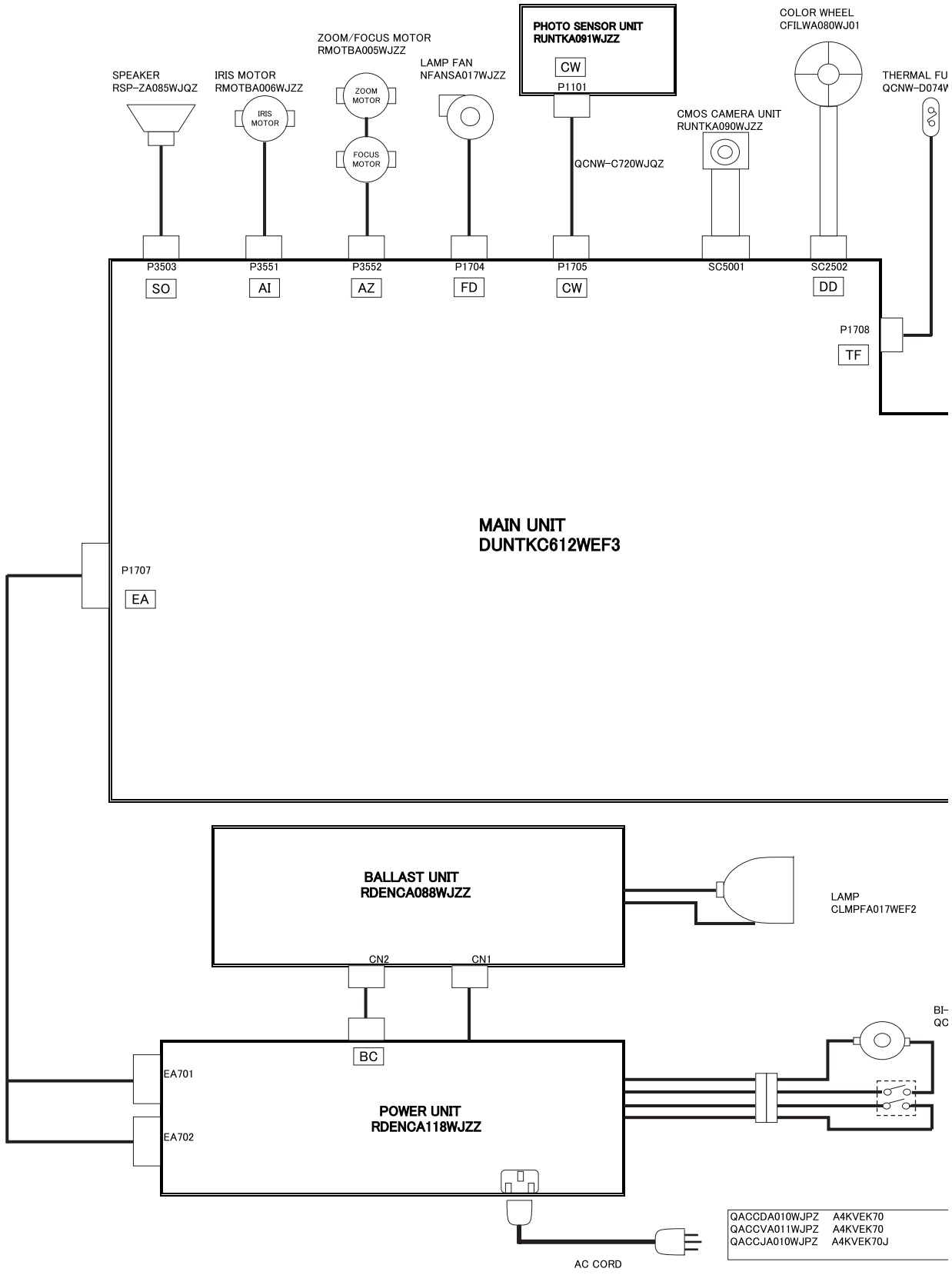
BLOCK DIAGRAM

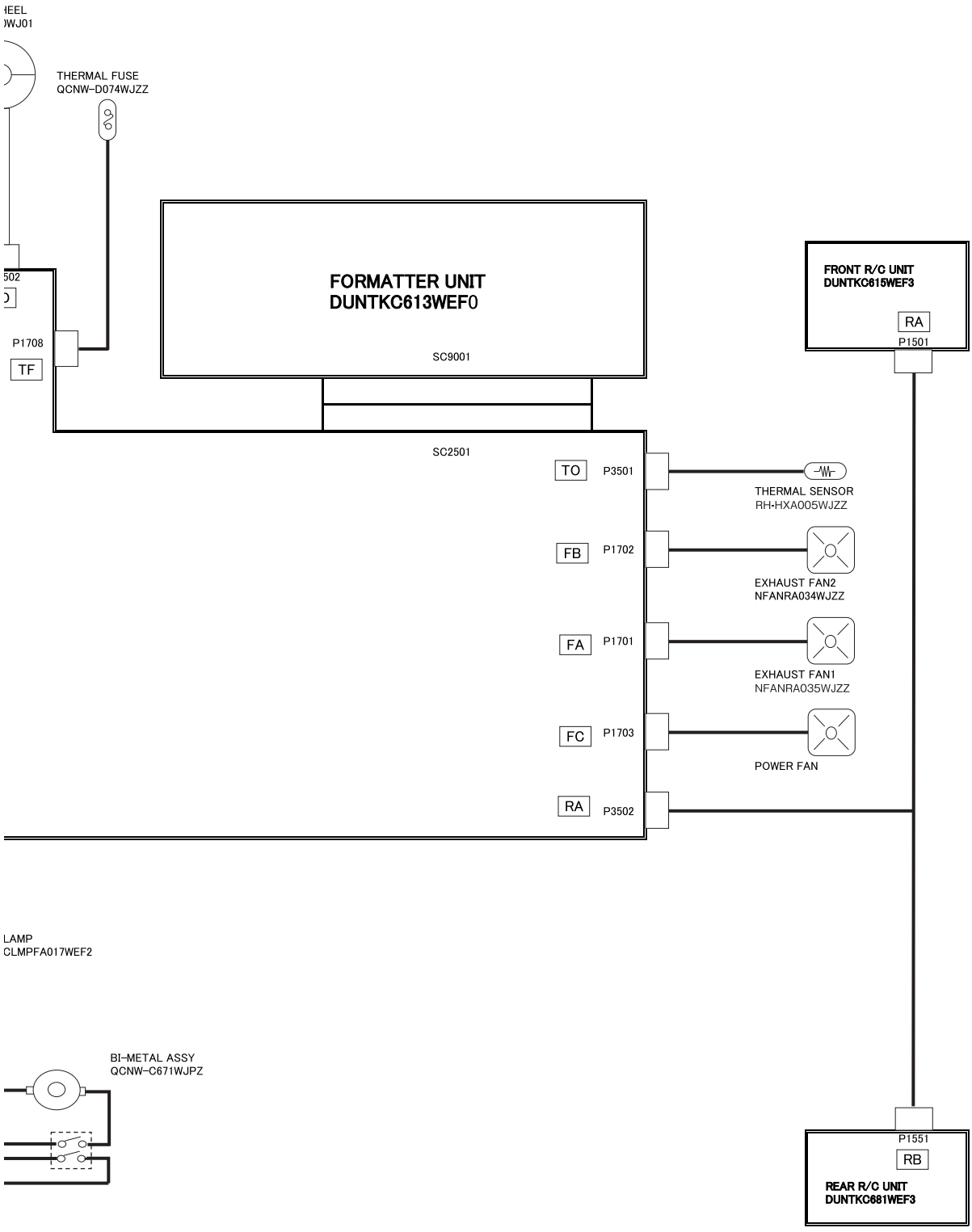




10	11	12	13	14	15	16	17	18	19

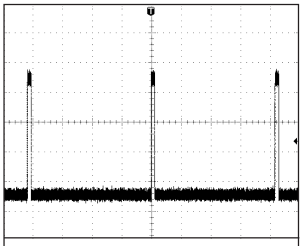
OVERALL WIRING DIAGRAM



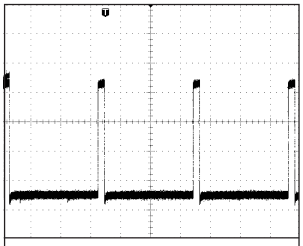


10	11	12	13	14	15	16	17	18	19

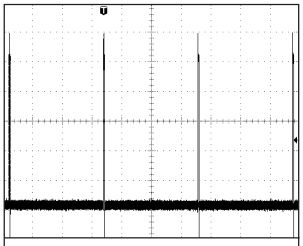
WAVEFORMS



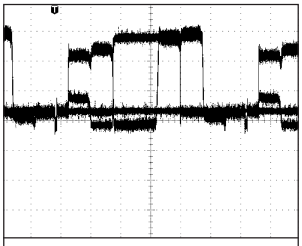
① IC3101 (28) pin
(VS-OUT)
H : 4m sec/div
V : 1V/div



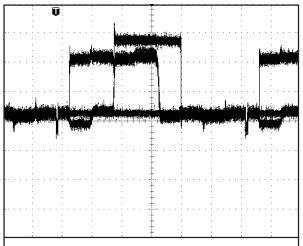
② IC3101 (29) pin
(HS-OUT)
H : 20µ sec/div
V : 1V/div



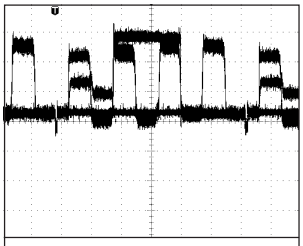
③ IC3101 (31) pin
(SCP-IN)
H : 20µ sec/div
V : 1V/div



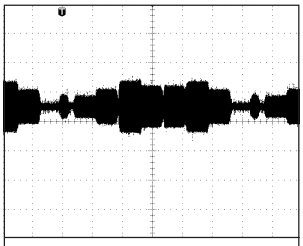
④ IC3101 (35) pin
(R-OUT)
H : 10µ sec/div
V : 500mV/div



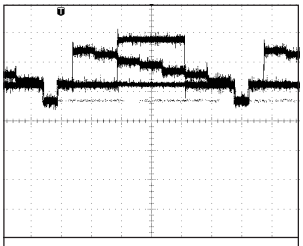
⑤ IC3101 (37) pin
(G-OUT)
H : 10µ sec/div
V : 500mV/div



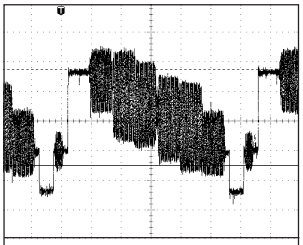
⑥ IC3101 (39) pin
(B-OUT)
H : 10µ sec/div
V : 500mV/div



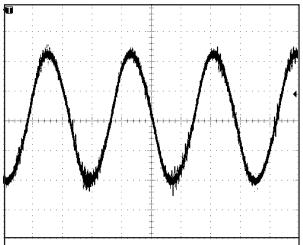
⑦ IC3103 (43) pin
(C2-IN)
H : 10µ sec/div
V : 500mV/div



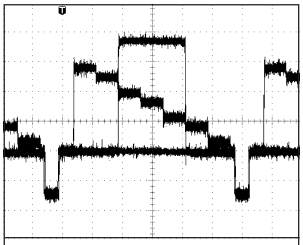
⑧ IC3103 (44) pin
(CVBS/Y2-IN)
H : 10µ sec/div
V : 500mV/div



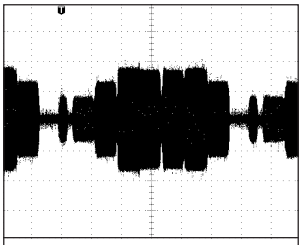
⑨ IC3105 (7) pin
(YCIN)
H : 10µ sec/div
V : 200mV/div



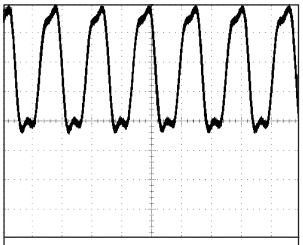
⑩ IC3105 (19) pin
(FSC)
H : 100n sec/div
V : 200mV/div



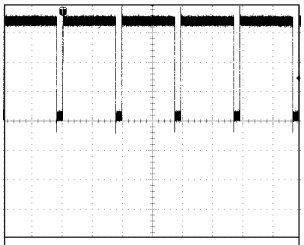
⑪ IC3103 (41) pin
(COMB-Y)
H : 10µ sec/div
V : 200mV/div



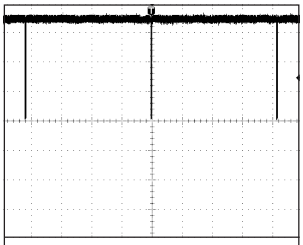
⑫ IC3103 (39) pin
(COMB-C)
H : 10µ sec/div
V : 200mV/div



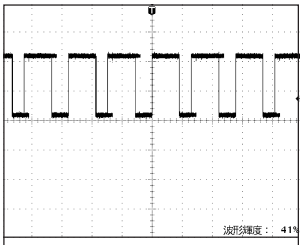
⑬ SC2501 (62) pin
(DCLK)
H : 10n sec/div
V : 1V/div



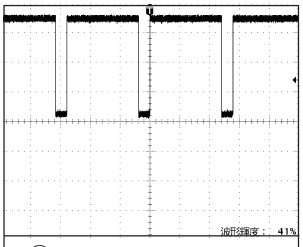
⑭ SC2501 (58) pin
(DHS)
H : 10µ sec/div
V : 1V/div



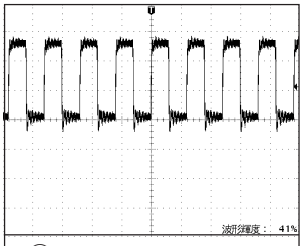
⑮ SC2501 (64) pin
(DVS)
H : 4m sec/div
V : 1V/div



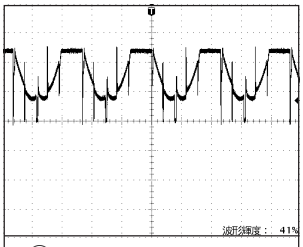
⑯ P1707 (14) pin
(LAMP_EN_POW)
H : 2m sec/div
V : 2V/div



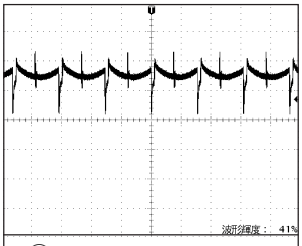
⑰ P1705 (2) pin
(CWINDEX)
H : 2m sec/div
V : 1V/div



⑱ IC9101 (16) pin
(OSC)
H : 100n sec/div
V : 2V/div

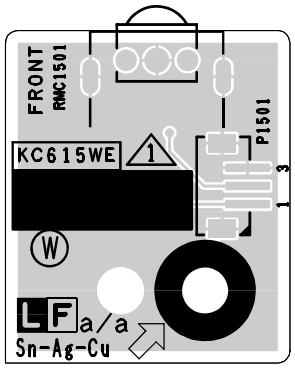


⑲ SC2502 (1) pin
(CWY1)
H : 400µ sec/div
V : 5V/div

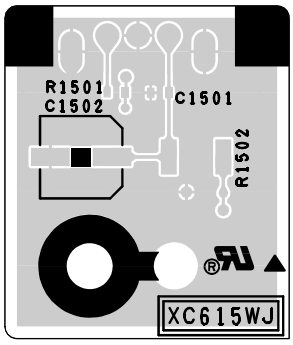


⑳ SC2502 (4) pin
(CWCTR)
H : 200µ sec/div
V : 5V/div

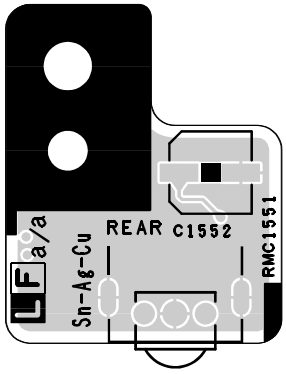
PRINTED WIRING BOARD ASSEMBLIES



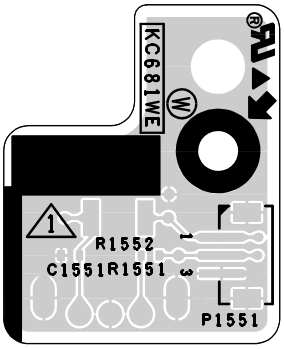
FRONT R/C Unit (Side A)



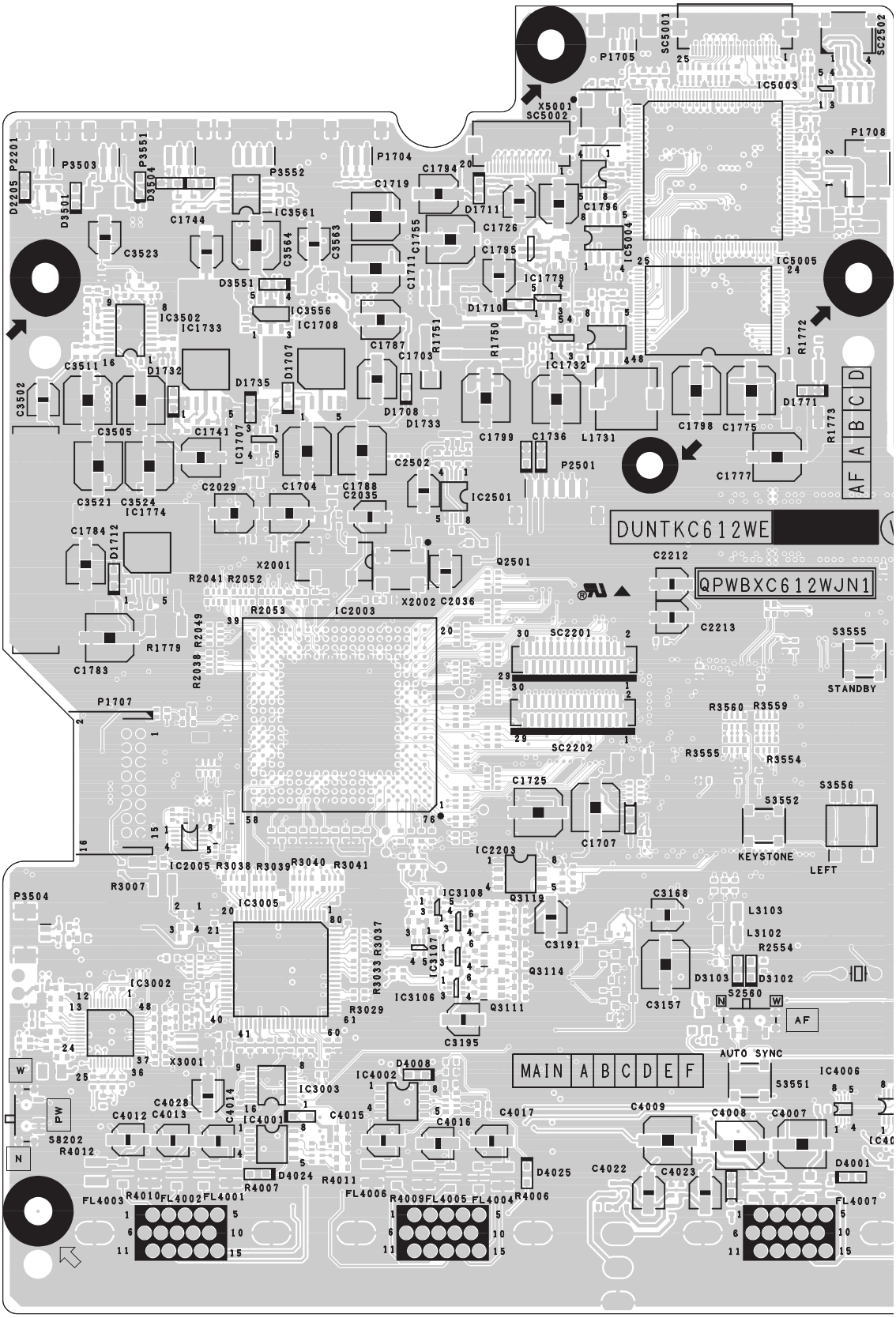
FRONT R/C Unit (Side B)



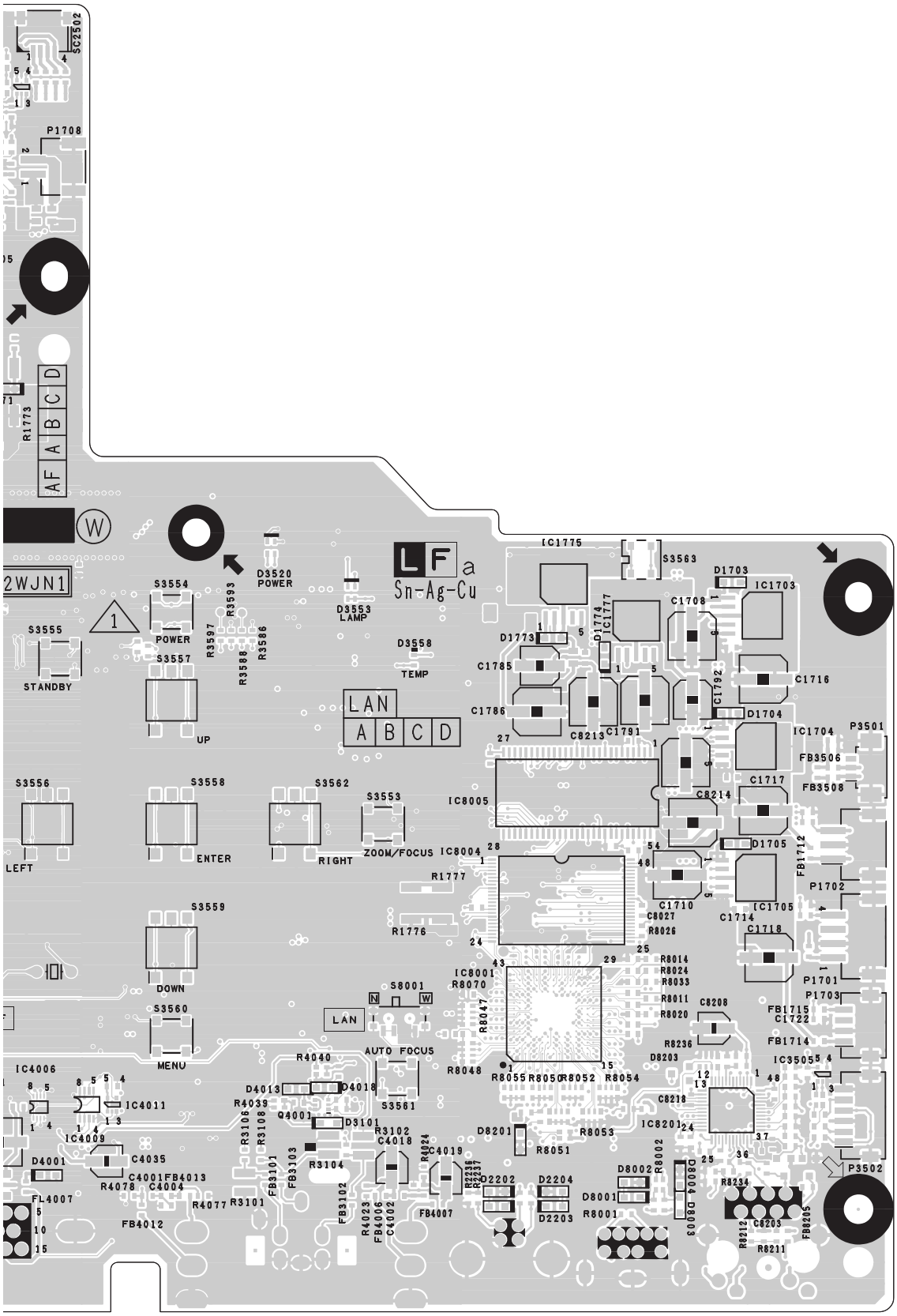
REAR R/C Unit (Side A)



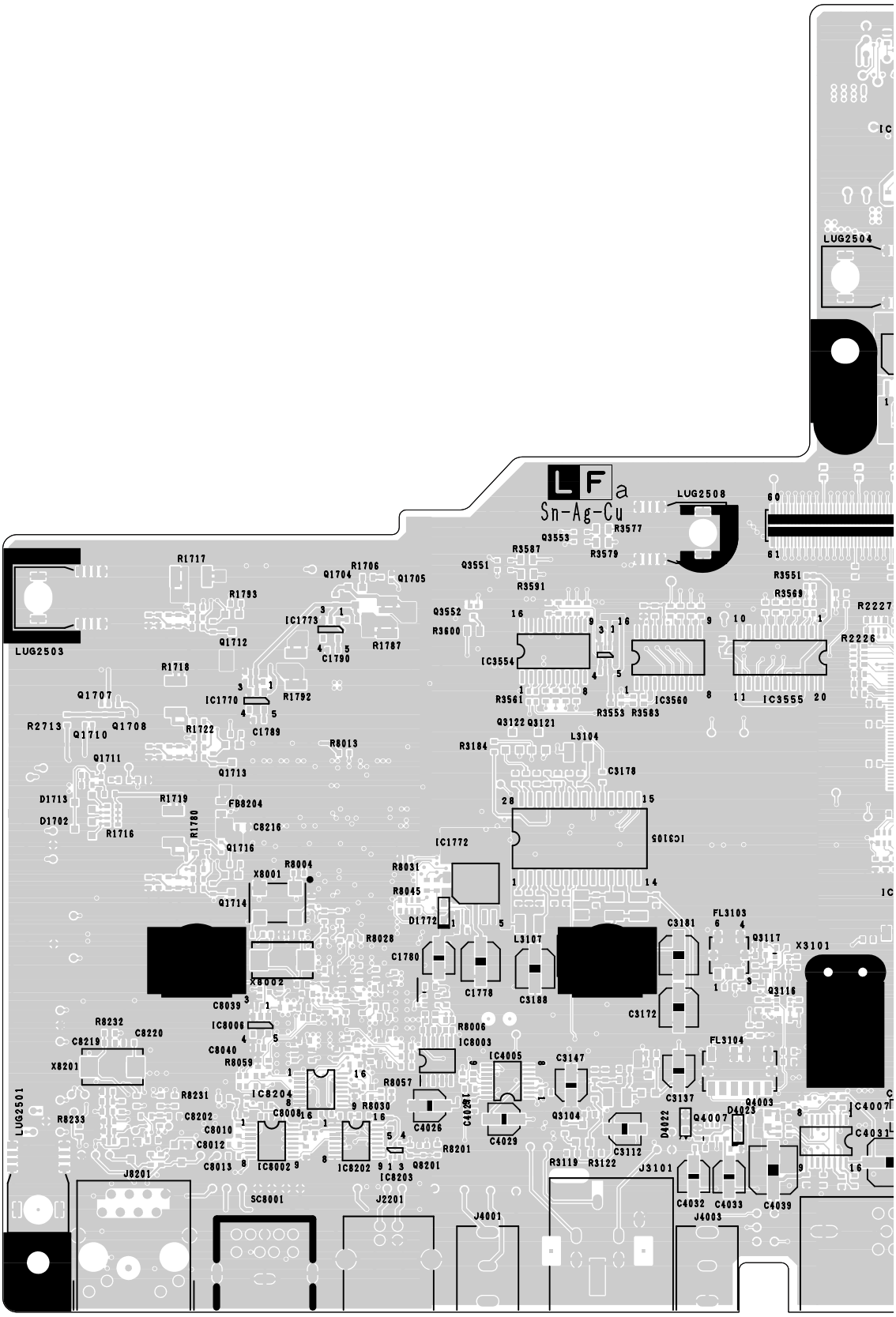
REAR R/C Unit (Side B)



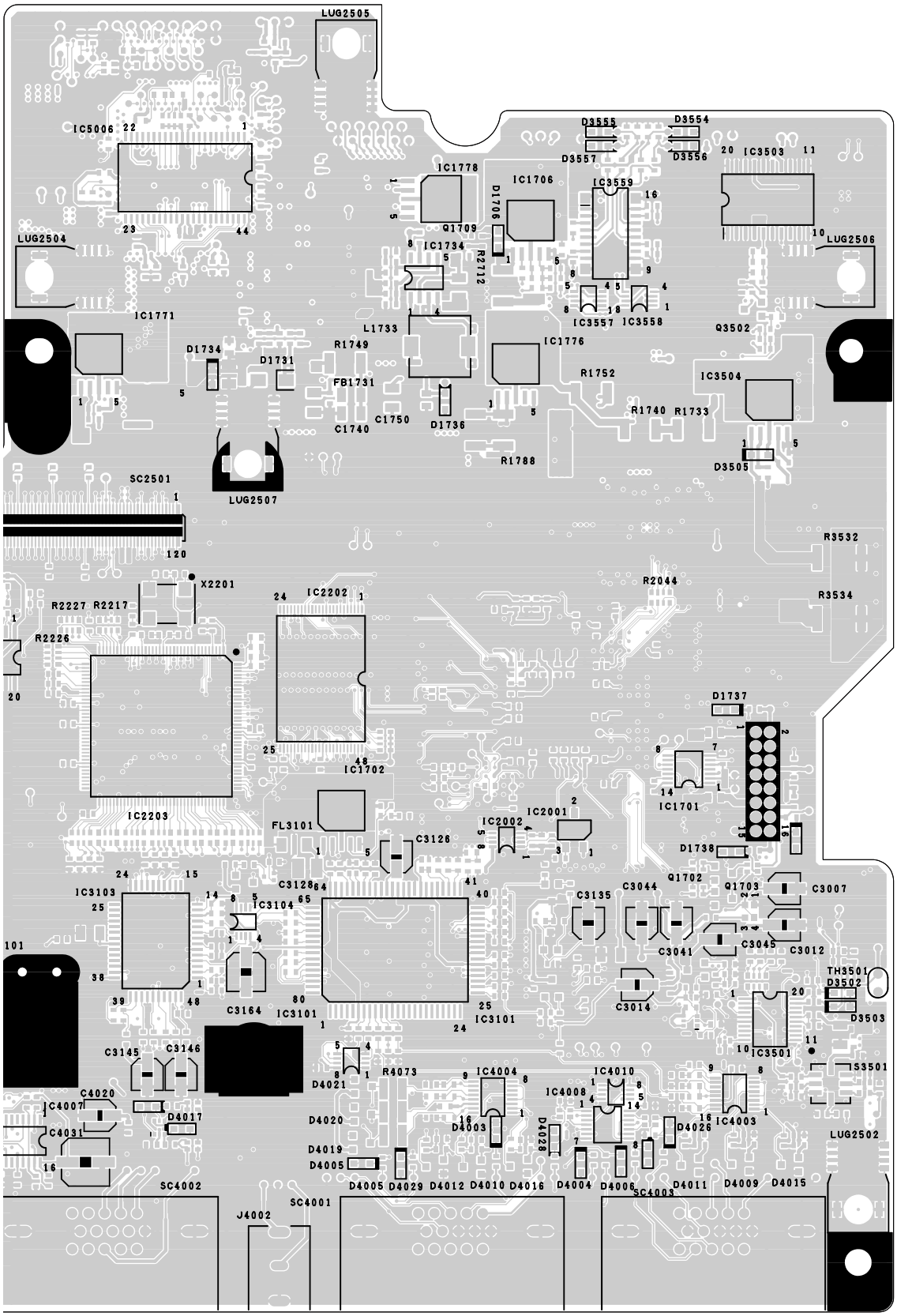
MAIN Unit (Side-A)



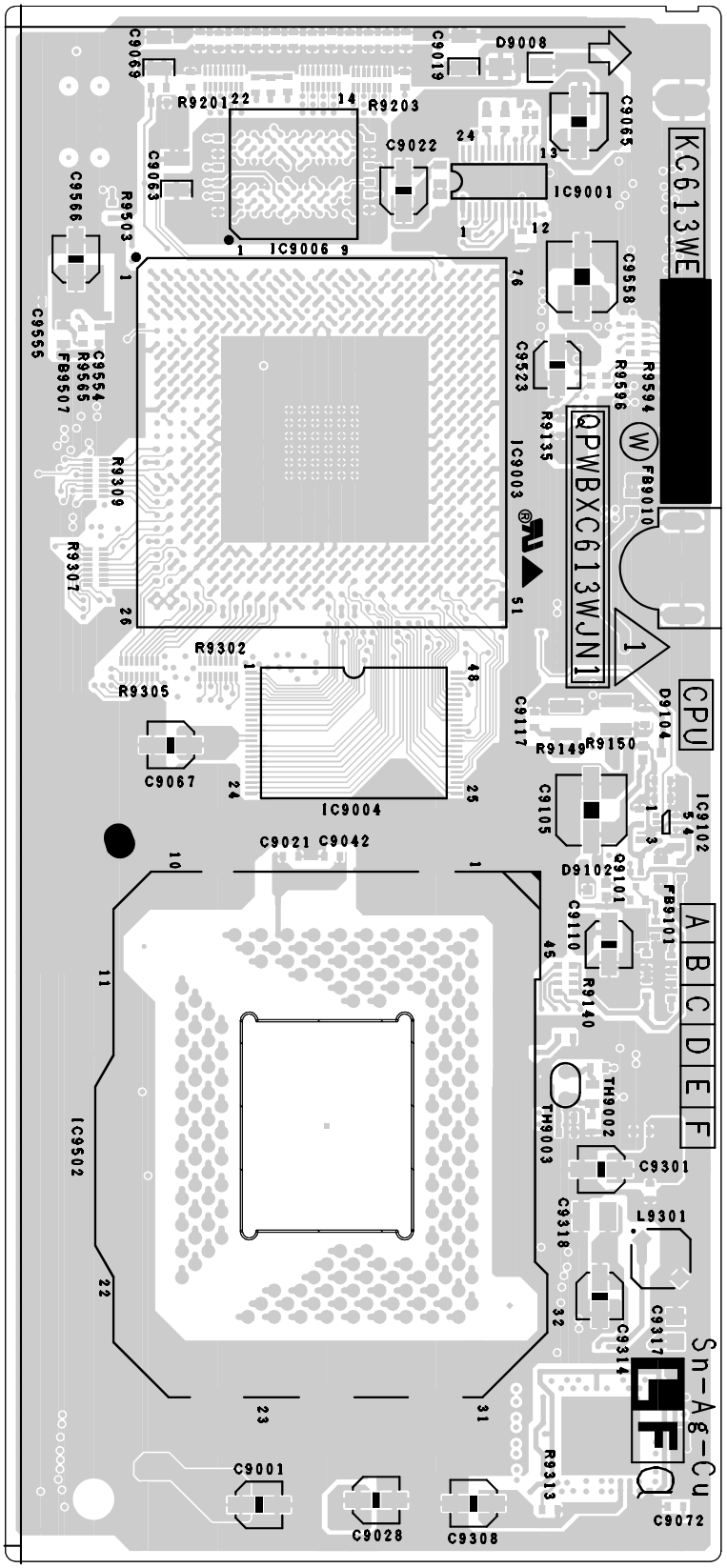
10	11	12	13	14	15	16	17	18	19



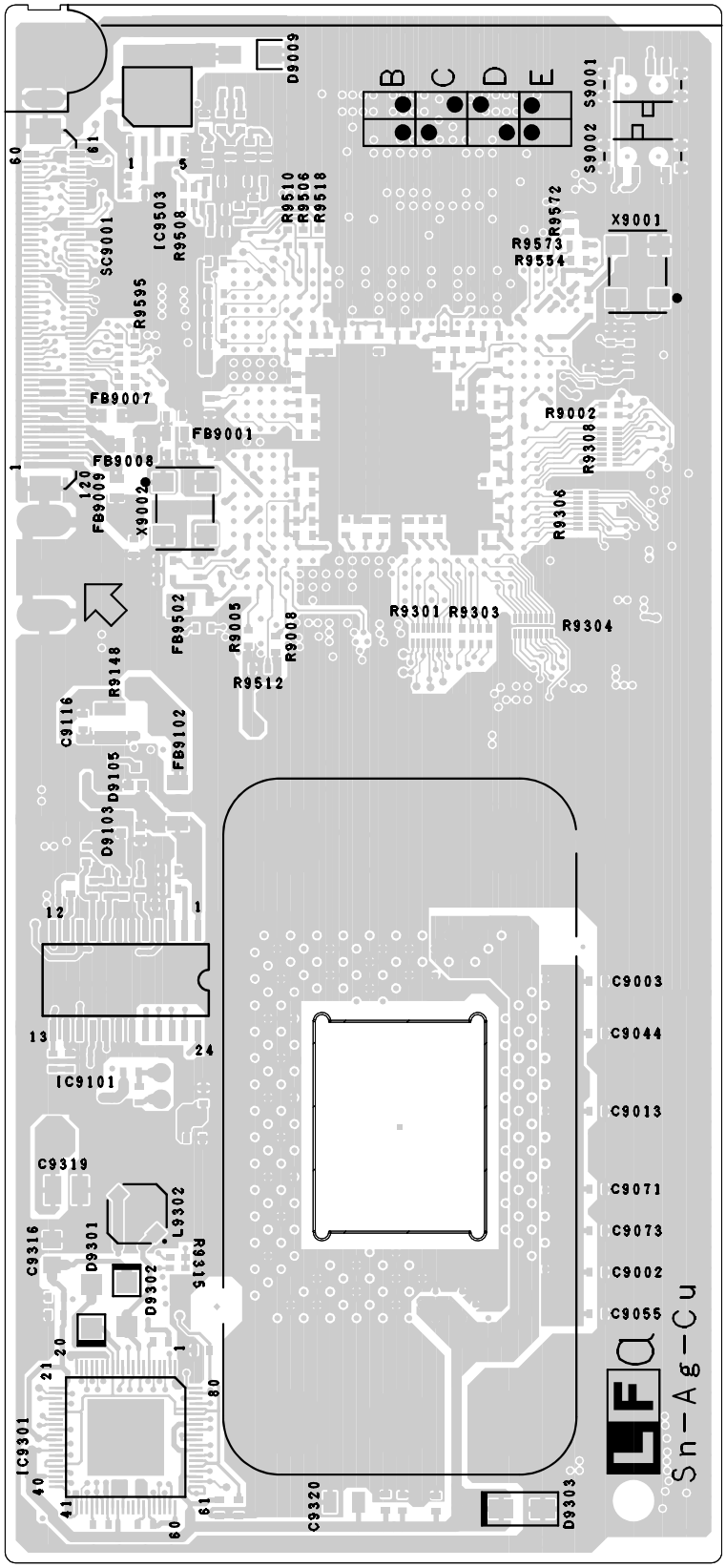
MAIN Unit (Side-B)



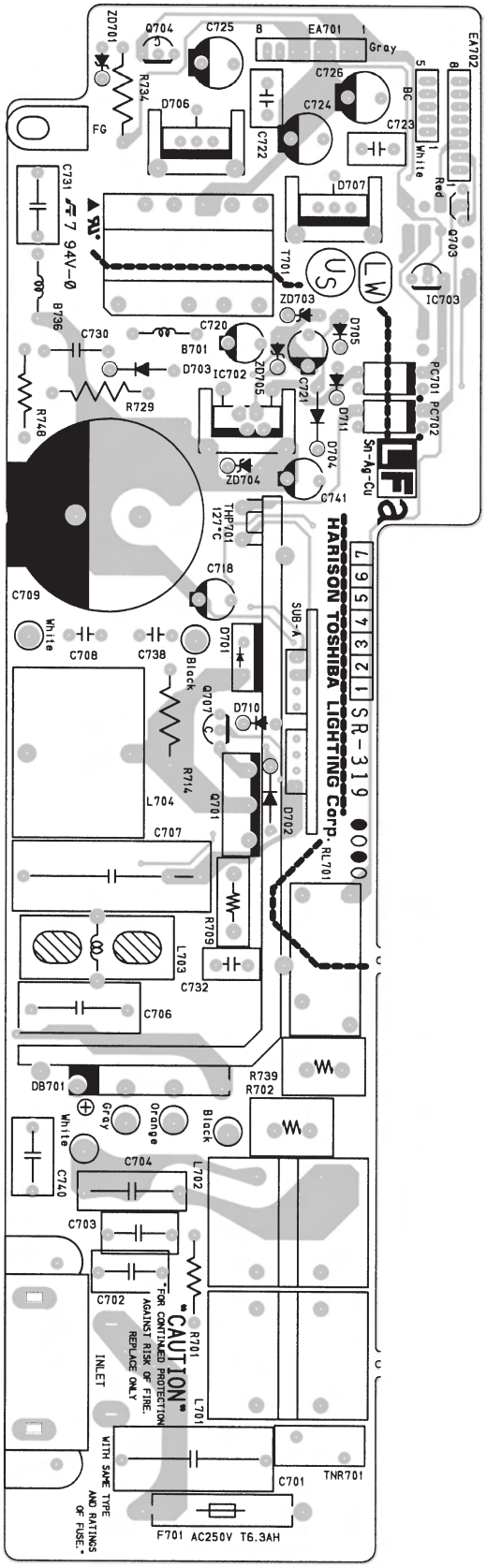
10	11	12	13	14	15	16	17	18	19



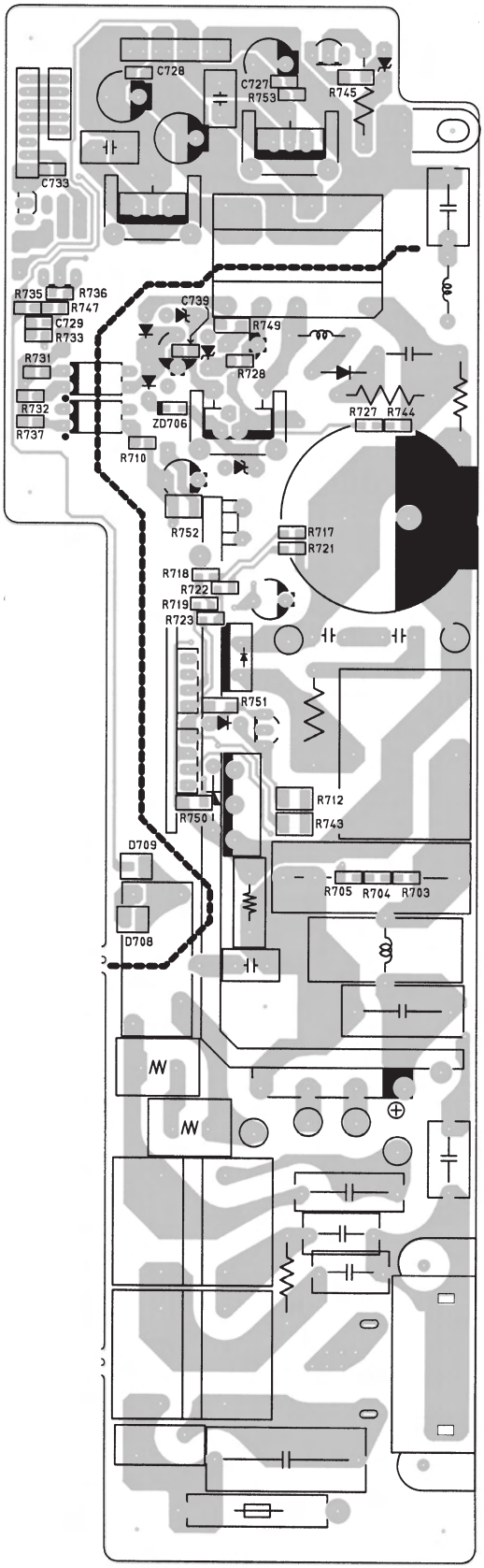
FORMATTER Unit (Side-A)



FORMATTER Unit (Side-B)



POWER BALLAS Unit (Side A)



POWER BALLAST Unit (Side B)

PARTS LIST

PARTS REPLACEMENT

Parts marked with " " are important for maintaining the safety of the set. Be sure to replace these parts with specified ones for maintaining the safety and performance of the set.

HOW TO ORDER REPLACEMENT PARTS

To have your order filled promptly and correctly, please furnish the following informations.

1. MODEL NUMBER
2. REF. NO.
3. PART NO.
4. DESCRIPTION
5. CODE
6. QUANTITY

Contact your nearest EIKI Parts Distributor.

Ref. No.	Part No.	Description

PRINTED WIRING BOARD ASSEMBLIES

DUNTKC612WEF3	MAIN Unit
DUNTKC613WEF0	FORMATTER Unit
DUNTKC615WEF3	FRONT R/C Unit
DUNTKC681WEF3	REAR R/C Unit
RDENCA118WJZZ	POWER SUPPLY Unit
RDENCA088WJZZ	BALLAST Unit
RUNTKA090WJZZ	CMOS CAMERA Unit
RUNTKA091WJZZ	PHOTO SENSOR Unit

Ref. No.	Part No.	Description

DUNTKC612WEF3
MAIN UNIT

INTEGRATED CIRCUITS

IC1701	VHiAHCT08PW-1Y	SN74AHCT08PW
IC1702	VHiPQ20WZ11-1Y	PQ20WZ1U
IC1703	VHiPQ20WZ11-1Y	PQ20WZ1U
IC1704	VHiPQ20WZ11-1Y	PQ20WZ1U
IC1705	VHiPQ20WZ11-1Y	PQ20WZ1U
IC1706	VHiPQ20WZ11-1Y	PQ20WZ1U
IC1707	VHiBD5245G+-1Y	BD5245G-TR
IC1708	VHiPQ3DZ13U-1Y	PQ3DZ13U
IC1731	VHiMP1410ES-1Y	MP1410ES-LF-Z
IC1732	VHiPST3646N-1Y	PST3646NR
IC1733	VHiPQ070XZ1-1Y	PQ070XZ01ZP
IC1734	VHiMP1410ES-1Y	MP1410ES-LF-Z
IC1770	VHiBD5245G+-1Y	BD5245G-TR
IC1771	VHiPQ12DZ1U-1Y	PQ12DZ1U
IC1772	VHiPQ050DZ1-1Y	PQ050DZ01Z
IC1773	VHiBD5242G+-1Y	BD5242G-TR
IC1774	VHiPQ3DZ13U-1Y	PQ3DZ13U
IC1775	VHiPQ3DZ13U-1Y	PQ3DZ13U
IC1776	VHiPQ050DZ1-1Y	PQ050DZ01Z
IC1777	VHiPQ015EZ1-1Y	PQ015EZ01ZP
IC1778	VHiPQ015EZ1-1Y	PQ015EZ01ZP
IC1779	VHiPQ1X281M-1Y	PQ1X281M2ZP
IC2001	VHiPST600iM-1Y	IC-PST600LMT
IC2002	VHiSNAHC14H-1Y	SN74AHC2G14HDC
IC2003	VHiPW164B10-1Q	PW164B-10TK
IC2005	VHiSN2G66CT-1Y	SN74AHC2G66HDC
IC2006	VSHN1K03FU+-1Y	IC
IC2007	VSHN1K03FU+-1Y	IC
IC2201	VHiTE7782++-1Q	TE7782PF
IC2202	RH-iXB335WJZZQ	IC
IC2203	VHiBR24L64F-1Y	BR24L64F-WE2
IC2501	VHiTL712CPW-1Y	TL712CPWR
IC3001	VHiMM3033D+-1Y	MM3033DURE
IC3002	VHiTE8200PF-1Q	TE8200PF
IC3003	VHiFSAV330T-1Y	FSAV330MTCX
IC3005	VHiMST9883+-1Q	MST9883-110
IC3101	VHiCXA2101Q-1Q	CXA2101AQ-TL
IC3102	VHiSNT1G08C-1Y	SN74AHCT1G08DC
IC3103	VHiTB1274AF1EQ	TB1274AF
IC3104	VHiSN2G04CT-1Y	SN74AHC2G04HDC
IC3105	VHiTC90A69F-1Y	TC90A69F
IC3106	VHi7SB3157P-1Y	NC7SB3157P6X
IC3107	VHi7SB3157P-1Y	NC7SB3157P6X
IC3108	VHi7SB3157P-1Y	NC7SB3157P6X
IC3109	VHiSNT1G32C-1Y	SN74AHCT1G32DC
IC3110	VHiSN2G32CT-1Y	SN74AHC2G32HDC
IC3501	RH-iXA966WJZZY	PIC16LF819-I/S
IC3502	VHiBA3530FS-1Y	BA3530FS-E1
IC3503	VHiDA7056AT-1Y	TDA7056AT/N2
IC3504	VHiPQ20WZ11-1Y	PQ20WZ1U
IC3505	VHiTC7SH08U-1Y	TC7SH08FU
IC3554	VHiM62320FP-1Y	M62320FP
IC3555	VHiM62393FP-1Y	M62393FP
IC3556	VHiPQ1L333M-1Y	PQ1L333M2SP
IC3557	VHiSN2G32CT-1Y	SN74AHC2G32HDC
IC3558	VHiSN2G32CT-1Y	SN74AHC2G32HDC
IC3559	VHiLB1831M/-1Y	LB1831M
IC3560	VHiM62320FP-1Y	M62320FP
IC3561	VHiLB1638M/-1Y	LB1638M-TE-R
IC4001	RH-iXB191WJZZS	IC
IC4002	RH-iXB191WJZZS	IC
IC4003	VHiEL8302iU-1Y	EL8302IUZ
IC4004	VHiEL8302iU-1Y	EL8302IUZ
IC4005	VHiLV4053AT-1Y	SN74LV4053APWR
IC4006	VHiNC7WZ125-1Y	NC7WZ125
IC4007	VHiBA3530FS-1Y	BA3530FS-E1
IC4008	VHiAHCT08PW-1Y	SN74AHCT08PW
IC4009	VHiSN2G32CT-1Y	SN74AHC2G32HDC
IC4010	VHiSN2G32CT-1Y	SN74AHC2G32HDC
IC4011	VHiSNT1G00C-1Y	SN74AHCT1G00DC

DUNTKC612WEF3
MAIN UNIT (Continued)

Ref. No.	Part No.	Description
IC5003	RH-iXB126WJZZQ	EP1C6T144C8N
IC5004	RH-iXB127WJZZY	EPCS1SI8N
IC5005	RH-iXB130WJZZQ	M29W800DB70N6
IC5006	RH-iXB129WJZZY	CY7C1021CV33-1
IC5008	VHiTC7SH08U-1Y	TC7SH08FU
IC8001	VHiHD7618BG-1Q	HD6417618BGN10
IC8002	VHiiSL83220-1Y	ISL83220ECVZ
IC8003	VHiM24C16W6-1Y	M24C16-WMN6T
IC8004	RH-iXB336WJN1Q	IC
IC8005	RH-iXB076WJZZQ	K4S641632H-UC7
IC8006	VHiBD5227G+-1Y	BD5227G-TR
IC8008	VHiSN1G125C-1Y	SN74AHC1G125DC
IC8201	VHiRTL8201C-1Q	RTL8201CP-LF
IC8202	VHiLV4053AT-1Y	SN74LV4053APWR
IC8203	VHiSNT1G08C-1Y	SN74AHCT1G08DC
IC8204	VHiLV4053AT-1Y	SN74LV4053APWR
S3501	VHiMXA2500E-1Y	MXA2500EL-T/R

TRANSISTORS

Q1701	VSRTQ035P02-1Y	RTQ035P02
Q1702	VS2SC3928AR-1Y	2SC3928AR
Q1703	VS2SC3928AR-1Y	2SC3928AR
Q1704	VS2SA1530AR-1Y	2SA1530AR
Q1705	VSDTC114EE/-1Y	DTC114EE
Q1706	VS2SC3928AR-1Y	2SC3928AR
Q1707	VSDTA114EE/-1Y	DTA114EE
Q1708	VSDTA114EE/-1Y	DTA114EE
Q1709	VSDTA114EE/-1Y	DTA114EE
Q1710	VSDTA114EE/-1Y	DTA114EE
Q1711	VSDTA114EE/-1Y	DTA114EE
Q2001	VSRN4904///-1Y	RN4904
Q2501	VS2SA1530AR-1Y	2SA1530AR
Q3001	VSHN2C01FU/-1Y	HN2C01FU
Q3002	VS2SC3928AR-1Y	2SC3928AR
Q3101	VS2SC3928AR-1Y	2SC3928AR
Q3102	VS2SC3928AR-1Y	2SC3928AR
Q3103	VS2SC3928AR-1Y	2SC3928AR
Q3104	VS2SC3928AR-1Y	2SC3928AR
Q3105	VS2SC3928AR-1Y	2SC3928AR
Q3106	VS2SA1530AR-1Y	2SA1530AR
Q3107	VS2SA1530AR-1Y	2SA1530AR
Q3108	VS2SC3928AR-1Y	2SC3928AR
Q3111	VSiMZ1A////-1Y	iMZ1A
Q3114	VSiMZ1A////-1Y	iMZ1A
Q3116	VSHN1B04FU/-1Y	HN1B04FU
Q3117	VSHN1B04FU/-1Y	HN1B04FU
Q3119	VSiMZ1A////-1Y	iMZ1A
Q3121	VS2SA1530AR-1Y	2SA1530AR
Q3122	VS2SA1530AR-1Y	2SA1530AR
Q3123	VSDTC114EE/-1Y	DTC114EE
Q3501	VSDTC114EE/-1Y	DTC114EE
Q3502	VS2SC3928AR-1Y	2SC3928AR
Q3503	VSDTC114EE/-1Y	DTC114EE
Q3504	VSDTC114EE/-1Y	DTC114EE
Q3551	VSRN1704///-1Y	RN1704
Q3552	VSDTC114EE/-1Y	DTC114EE
Q3553	VSRN1704///-1Y	RN1704
Q4001	VSHN2C01FU/-1Y	HN2C01FU
Q4002	VSHN2C01FU/-1Y	HN2C01FU
Q4003	VS2SC3928AR-1Y	2SC3928AR
Q4004	VSDTC114EE/-1Y	DTC114EE
Q4005	VS2SA1530AR-1Y	2SA1530AR
Q4006	VSDTC114EE/-1Y	DTC114EE
Q4007	VSHN2C01FU/-1Y	HN2C01FU
Q8001	VSDTC114EE/-1Y	DTC114EE
Q8201	VSDTC114EE/-1Y	DTC114EE

DIODES AND THERMISTER

D1702	VHDDAN202K/-1Y	DAN202K
D1703	VHDHSU119//-1Y	HSU119
D1704	VHDHSU119//-1Y	HSU119
D1705	VHDHSU119//-1Y	HSU119
D1706	VHDHSU119//-1Y	HSU119
D1707	VHDHSU119//-1Y	HSU119
D1708	VHDHSU119//-1Y	HSU119
D1709	VHDHSU119//-1Y	HSU119
D1710	VHDHSU119//-1Y	HSU119
D1711	VHDHSU119//-1Y	HSU119
D1712	VHDHSU119//-1Y	HSU119
D1713	VHDDAN202K/-1Y	DAN202K
D1731	VHDSFPA73//2EY	SFPA73
D1732	VHDHSU119//-1Y	HSU119
D1733	VHDSFPA73//2EY	SFPA73
D1734	RH-EX1234CEZZY	Zener Diode, 3.6V
D1735	RH-EX1234CEZZY	Zener Diode, 3.6V
D1736	RH-EX1234CEZZY	Zener Diode, 3.6V
D1737	RH-EX1247CEZZY	Zener Diode, 5.6V
D1738	RH-EX1247CEZZY	Zener Diode, 5.6V
D1739	RH-EX1247CEZZY	Zener Diode, 5.6V
D1771	VHDHSU119//-1Y	HSU119
D1772	VHDHSU119//-1Y	HSU119
D1773	VHDHSU119//-1Y	HSU119
D1774	VHDHSU119//-1Y	HSU119
D2201	RH-EX1234CEZZY	Zener Diode, 3.6V
D2202	RH-EX1234CEZZY	Zener Diode, 3.6V
D2203	RH-EX1234CEZZY	Zener Diode, 3.6V
D2204	RH-EX1234CEZZY	Zener Diode, 3.6V
D2501	RH-EX1234CEZZY	Zener Diode, 3.6V
D2502	RH-EX1234CEZZY	Zener Diode, 3.6V
D3101	RH-EX1265CEZZY	Zener Diode, 10V
D3102	RH-EX1247CEZZY	Zener Diode, 5.6V
D3103	RH-EX1247CEZZY	Zener Diode, 5.6V
D3501	RH-EX1265CEZZY	Zener Diode, 10V
D3502	RH-EX1234CEZZY	Zener Diode, 3.6V
D3503	RH-EX1234CEZZY	Zener Diode, 3.6V
D3504	RH-EX1265CEZZY	Zener Diode, 10V
D3505	VHDHSU119//-1Y	HSU119
D3551	VHDHSU119//-1Y	HSU119
D3552	RH-PX0210TAZZY	PX0210TA
D3553	RH-PX0210TAZZY	PX0210TA
D3554	RH-EX1234CEZZY	Zener Diode, 3.6V
D3555	RH-EX1234CEZZY	Zener Diode, 3.6V
D3556	RH-EX1234CEZZY	Zener Diode, 3.6V
D3557	RH-EX1234CEZZY	Zener Diode, 3.6V
D3558	RH-PX0196TAZZY	PX0196TA
D3559	RH-EX1234CEZZY	Zener Diode, 3.6V
D3560	RH-EX1234CEZZY	Zener Diode, 3.6V
D4001	RH-EX1247CEZZY	Zener Diode, 5.6V
D4002	RH-EX1247CEZZY	Zener Diode, 5.6V
D4003	RH-EX1247CEZZY	Zener Diode, 5.6V
D4004	RH-EX1247CEZZY	Zener Diode, 5.6V
D4005	RH-EX1247CEZZY	Zener Diode, 5.6V
D4006	RH-EX1247CEZZY	Zener Diode, 5.6V
D4007	VHDHSU119//-1Y	HSU119
D4008	VHDHSU119//-1Y	HSU119
D4009	VHDKDS226//-1Y	KDS226
D4010	VHDKDS226//-1Y	KDS226
D4011	VHDKDS226//-1Y	KDS226
D4012	VHDKDS226//-1Y	KDS226
D4013	RH-EX1247CEZZY	Zener Diode, 5.6V
D4014	RH-EX1247CEZZY	Zener Diode, 5.6V
D4015	VHDKDS226//-1Y	KDS226
D4016	VHDKDS226//-1Y	KDS226
D4017	RH-EX1247CEZZY	Zener Diode, 5.6V
D4018	RH-EX1247CEZZY	Zener Diode, 5.6V
D4019	VHDKDS226//-1Y	KDS226
D4020	VHDKDS226//-1Y	KDS226
D4021	VHDKDS226//-1Y	KDS226
D4022	RH-EX1247CEZZY	Zener Diode, 5.6V
D4023	RH-EX1247CEZZY	Zener Diode, 5.6V
D4024	VHDHSU119//-1Y	HSU119
D4025	VHDHSU119//-1Y	HSU119
D4026	RH-EX1247CEZZY	Zener Diode, 5.6V
D4027	RH-EX1247CEZZY	Zener Diode, 5.6V
D4028	RH-EX1247CEZZY	Zener Diode, 5.6V
D4029	RH-EX1247CEZZY	Zener Diode, 5.6V

DUNTKC612WEF3
MAIN UNIT (Continued)

Ref. No.	Part No.	Description
D8001	RH-EX1271CEZZY	Zener Diode, 12V
D8002	RH-EX1271CEZZY	Zener Diode, 12V
D8003	RH-EX1271CEZZY	Zener Diode, 12V
D8004	RH-EX1271CEZZY	Zener Diode, 12V
D8201	RH-EX1247CEZZY	Zener Diode, 5.6V
D8202	VHDMA157A//-1Y	MA157A
D8203	VHDKDS184//-1Y	KDS184
D8204	VHDMA157A//-1Y	MA157A
D8205	VHDMA157A//-1Y	MA157A
D8206	VHDMA157A//-1Y	MA157A
TH3501	RH-HXA001WJZZ	Thermister

PACKAGED CIRCUITS

X2001	RCRUAA013WJZZY	Crystal, 133MHz
X2002	RCRUAA049WJZZY	Crystal, 64MHz
X2201	RCRUAA050WJZZY	Crystal, 48MHz
X3001	RCRMCA016WJZZY	Crystal, 27MHz
X3101	RCRSAA025WJZZ	Crystal, 16.2MHz
X5001	RCRUAA051WJZZY	Crystal, 75MHz
X8001	RCRSZA031WJZZY	Crystal, 1.8432MHz
X8002	RCRSCA084WJZZY	Crystal, 24.576MHz
X8201	RCRSCA082WJZZY	Crystal, 25MHz

COILS

FL3101	RFiLNA006WJZZY	Filter
FL3103	RCiLFA034WJZZY	Coil
FL3104	RCiLF0306CEZZY	Coil
FL4001	RFiLN0003TAZZY	Filter
FL4002	RFiLN0003TAZZY	Filter
FL4003	RFiLN0003TAZZY	Filter
FL4004	RFiLN0003TAZZY	Filter
FL4005	RFiLN0003TAZZY	Filter
FL4006	RFiLN0003TAZZY	Filter
FL4007	RFiLN0003TAZZY	Filter
FL4008	RFiLN0003TAZZY	Filter
FL4009	RFiLN0003TAZZY	Filter
L1731	RCiLPA213WJZZY	Coil
L1733	RCiLPA214WJZZY	Coil
L3101	VPCKM220J2R1NY	Peaking 22µH
L3102	VPCKM4R7JR88NY	Peaking 4.7µH
L3103	VPCKM4R7JR88NY	Peaking 4.7µH
L3104	VPCKM220J2R1NY	Peaking 22µH
L3105	VPCKM220J2R1NY	Peaking 22µH
L3106	VPCKM220J2R1NY	Peaking 22µH
L3107	VPCKM220J2R1NY	Peaking 22µH

CAPACITORS

C1701	VCKYCY1EF104ZY	0.1	25V	Ceramic
C1702	VCKYCY1EF104ZY	0.1	25V	Ceramic
C1703	VCEAPF1AW336MY	33	10V	Electrolytic
C1704	VCEAPF1CW107MY	100	16V	Electrolytic
C1705	VCKYCY1HB102KY	1000p	50V	Ceramic
C1706	VCKYCY1EF104ZY	0.1	25V	Ceramic
C1707	VCEAPF1EW336MY	33	25V	Electrolytic
C1708	VCEAPF1EW336MY	33	25V	Electrolytic
C1709	VCEAPF1EW336MY	33	25V	Electrolytic
C1710	VCEAPF1EW336MY	33	25V	Electrolytic
C1711	VCEAPF1EW336MY	33	25V	Electrolytic
C1712	VCKYCY1EF104ZY	0.1	25V	Ceramic
C1713	VCKYCY1EF104ZY	0.1	25V	Ceramic
C1714	VCKYCY1EF104ZY	0.1	25V	Ceramic
C1715	VCKYCY1EF104ZY	0.1	25V	Ceramic
C1716	VCEAPF1EW226MY	22	25V	Electrolytic
C1717	VCEAPF1EW226MY	22	25V	Electrolytic
C1718	VCEAPF1EW226MY	22	25V	Electrolytic
C1719	VCEAPF1EW226MY	22	25V	Electrolytic
C1720	VCKYCY1EF104ZY	0.1	25V	Ceramic
C1721	VCKYCY1EF104ZY	0.1	25V	Ceramic
C1722	VCKYCY1EF104ZY	0.1	25V	Ceramic
C1723	VCKYCY1EF104ZY	0.1	25V	Ceramic
C1724	VCKYCY1CB683KY	0.068	16V	Ceramic
C1725	VCEAPF1EW336MY	33	25V	Electrolytic
C1726	VCEAPF1CW106MY	10	16V	Electrolytic
C1731	RC-KZA070WJZZY	22	6.3V	Ceramic
C1732	VCKYTV1CB105KY	1	16V	Ceramic
C1733	VCKYCY1HB103KY	0.01	50V	Ceramic
C1735	VCKYCY1HB332KY	3300p	50V	Ceramic
C1736	VCAAPD1AJ686MY	68	10V	Electrolytic
C1737	VCKYCY1EF104ZY	0.1	25V	Ceramic
C1738	RC-KZA041WJZZY	10	10V	Ceramic
C1739	VCKYCY1EF104ZY	0.1	25V	Ceramic
C1740	RC-KZA041WJZZY	10	10V	Ceramic
C1741	VCEAPF0JW476MY	47	6.3V	Electrolytic
C1742	VCKYCY1EF104ZY	0.1	25V	Ceramic
C1743	VCKYCY1EF104ZY	0.1	25V	Ceramic
C1744	VCEAPF0JW226MY	22	6.3V	Electrolytic
C1750	RC-KZA070WJZZY	22	6.3V	Ceramic
C1751	VCKYTV1CB105KY	1	16V	Ceramic
C1752	VCKYCY1EF104ZY	0.1	25V	Ceramic
C1754	VCKYCY1HB152KY	1500p	50V	Ceramic
C1755	VCAAPD1AJ686MY	68	10V	Electrolytic
C1756	VCKYCY1EF104ZY	0.1	25V	Ceramic
C1757	RC-KZA041WJZZY	10	10V	Ceramic
C1758	RC-KZA041WJZZY	10	10V	Ceramic
C1761	VCKYCY1EF104ZY	0.1	25V	Ceramic
C1770	VCKYCY1AB105KY	1	10V	Ceramic
C1775	VCEAPF1EW336MY	33	25V	Electrolytic
C1776	VCKYCY1EF104ZY	0.1	25V	Ceramic
C1777	VCEAPF1EW336MY	33	25V	Electrolytic
C1778	VCEAPF1AW336MY	33	10V	Electrolytic
C1779	VCKYCY1EF104ZY	0.1	25V	Ceramic
C1780	VCEAPF1CW106MY	10	16V	Electrolytic
C1783	VCEAPF1CW107MY	100	16V	Electrolytic
C1784	VCEAPF1AW336MY	33	10V	Electrolytic
C1785	VCEAPF1AW336MY	33	10V	Electrolytic
C1786	VCEAPF1CW107MY	100	16V	Electrolytic
C1787	VCEAPF1AW336MY	33	10V	Electrolytic
C1788	VCEAPF1CW107MY	100	16V	Electrolytic
C1789	VCCCCY1HH151JY	150p	50V	Ceramic
C1790	VCCCCY1HH101JY	100p	50V	Ceramic
C1791	VCEAPF1CW107MY	100	16V	Electrolytic
C1792	VCEAPF1AW336MY	33	10V	Electrolytic
C1794	VCEAPF1AW336MY	33	10V	Electrolytic
C1795	VCEAPF1CW106MY	10	16V	Electrolytic
C1796	VCEAPF1AW336MY	33	10V	Electrolytic
C1797	VCKYCY1EF104ZY	0.1	25V	Ceramic
C1798	VCAAPD1AJ686MY	68	10V	Electrolytic
C1799	VCAAPD1AJ686MY	68	10V	Electrolytic
C2001	VCKYCY1EF104ZY	0.1	25V	Ceramic
C2002	VCKYCY1AB105KY	1	10V	Ceramic
C2003	VCKYCY1EF104ZY	0.1	25V	Ceramic
C2004	VCKYCY1EF104ZY	0.1	25V	Ceramic
C2005	VCKYCY1EF104ZY	0.1	25V	Ceramic
C2006	VCKYCY1EF104ZY	0.1	25V	Ceramic
C2007	VCKYCY1EF104ZY	0.1	25V	Ceramic
C2008	VCKYCY1EF104ZY	0.1	25V	Ceramic
C2009	VCKYCY1EF104ZY	0.1	25V	Ceramic
C2010	VCKYCY1EF104ZY	0.1	25V	Ceramic
C2012	VCKYCY1EF104ZY	0.1	25V	Ceramic
C2013	VCKYCY1EF104ZY	0.1	25V	Ceramic
C2014	VCKYCY1EF104ZY	0.1	25V	Ceramic
C2015	VCKYCY1EF104ZY	0.1	25V	Ceramic
C2016	VCKYCY1EF104ZY	0.1	25V	Ceramic
C2017	VCKYCY1EF104ZY	0.1	25V	Ceramic
C2018	VCKYCY1EF104ZY	0.1	25V	Ceramic
C2019	VCKYCY1EF104ZY	0.1	25V	Ceramic
C2020	VCKYCY1EF104ZY	0.1	25V	Ceramic
C2021	VCKYCY1EF104ZY	0.1	25V	Ceramic
C2022	VCKYCY1EF104ZY	0.1	25V	Ceramic
C2023	VCKYCY1EF104ZY	0.1	25V	Ceramic
C2024	VCKYCY1EF104ZY	0.1	25V	Ceramic
C2025	VCKYCY1EF104ZY	0.1	25V	Ceramic
C2026	VCKYCY1EF104ZY	0.1	25V	Ceramic
C2027	VCKYCY1EF104ZY	0.1	25V	Ceramic
C2028	VCKYCY1EF104ZY	0.1	25V	Ceramic
C2029	VCAAPD0JJ476MY	47	6.3V	Electrolytic

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Ref. No.	Part No.			Description
C2030	VCAAPD0JJ476MY	47	6.3V	Electrolytic
C2031	VCKYCY1EF104ZY	0.1	25V	Ceramic
C2032	VCKYCY1EF104ZY	0.1	25V	Ceramic
C2033	VCKYCY1EF104ZY	0.1	25V	Ceramic
C2034	VCKYCY1EF104ZY	0.1	25V	Ceramic
C2035	VCEAPF1CW106MY	10	16V	Electrolytic
C2036	VCEAPF1CW106MY	10	16V	Electrolytic
C2037	VCCCCY1HH5R0CY	5p	50V	Ceramic
C2038	VCCCCY1HH100DY	10p	50V	Ceramic
C2201	VCKYCY1EF104ZY	0.1	25V	Ceramic
C2202	VCKYCY1EF104ZY	0.1	25V	Ceramic
C2203	VCKYCY1EF104ZY	0.1	25V	Ceramic
C2204	VCKYCY1EF104ZY	0.1	25V	Ceramic
C2205	VCKYCY1EF104ZY	0.1	25V	Ceramic
C2206	VCKYCY1EF104ZY	0.1	25V	Ceramic
C2207	VCKYCY1EF104ZY	0.1	25V	Ceramic
C2208	VCKYCY1EF104ZY	0.1	25V	Ceramic
C2209	VCCCCY1HH100DY	10p	50V	Ceramic
C2210	VCKYCY1EF104ZY	0.1	25V	Ceramic
C2211	VCKYCY1EF104ZY	0.1	25V	Ceramic
C2212	VCEAPF1CW106MY	10	16V	Electrolytic
C2213	VCEAPF1CW106MY	10	16V	Electrolytic
C2214	VCKYCY1EF104ZY	0.1	25V	Ceramic
C2215	VCKYCY1EF104ZY	0.1	25V	Ceramic
C2216	VCKYCY1EF104ZY	0.1	25V	Ceramic
C2218	VCKYCY1EF104ZY	0.1	25V	Ceramic
C2219	VCKYCY1EF104ZY	0.1	25V	Ceramic
C2501	VCKYCY1EF104ZY	0.1	25V	Ceramic
C2502	VCEAPF1CW106MY	10	16V	Electrolytic
C3001	VCKYCY1EF104ZY	0.1	25V	Ceramic
C3002	VCCCCY1HH470JY	47p	50V	Ceramic
C3003	VCKYCY1HB103KY	0.01	50V	Ceramic
C3004	VCKYCY1EF104ZY	0.1	25V	Ceramic
C3005	VCKYCY1HB103KY	0.01	50V	Ceramic
C3006	VCKYCY1EB473KY	0.047	25V	Ceramic
C3007	VCEAPF0JW226MY	22	6.3V	Electrolytic
C3008	VCKYCY1AB105KY	1	10V	Ceramic
C3009	VCCCCY1HH470JY	47p	50V	Ceramic
C3010	VCKYCY1AB105KY	1	10V	Ceramic
C3011	VCKYCY1AB105KY	1	10V	Ceramic
C3012	VCEAPF0JW226MY	22	6.3V	Electrolytic
C3013	VCKYCY1AB105KY	1	10V	Ceramic
C3014	VCEAPF1CW106MY	10	16V	Electrolytic
C3015	VCCCCY1HH330JY	33p	50V	Ceramic
C3016	VCCCCY1HH330JY	33p	50V	Ceramic
C3017	VCCCCY1HH470JY	47p	50V	Ceramic
C3018	VCKYCY1EB473KY	0.047	25V	Ceramic
C3019	VCKYCY1EB473KY	0.047	25V	Ceramic
C3020	VCKYCY1EB473KY	0.047	25V	Ceramic
C3021	VCKYCY1HB102KY	1000p	50V	Ceramic
C3022	VCKYCY1EF104ZY	0.1	25V	Ceramic
C3023	VCKYCY1EF104ZY	0.1	25V	Ceramic
C3024	VCKYCY1EF104ZY	0.1	25V	Ceramic
C3025	VCKYCY1EF104ZY	0.1	25V	Ceramic
C3026	VCKYCY1EF104ZY	0.1	25V	Ceramic
C3027	VCKYCY1EF104ZY	0.1	25V	Ceramic
C3028	VCKYCY1EF104ZY	0.1	25V	Ceramic
C3029	VCKYCY1EF104ZY	0.1	25V	Ceramic
C3030	RC-KZA070WJZZY	22	6.3V	Ceramic
C3031	VCKYCY1EF104ZY	0.1	25V	Ceramic
C3032	VCKYCY1EF104ZY	0.1	25V	Ceramic
C3034	VCKYCY1EF104ZY	0.1	25V	Ceramic
C3036	VCKYCY1EF104ZY	0.1	25V	Ceramic
C3037	VCKYCY1EF104ZY	0.1	25V	Ceramic
C3038	VCKYCY1EF104ZY	0.1	25V	Ceramic
C3039	VCKYCY1EF104ZY	0.1	25V	Ceramic
C3040	RC-KZA070WJZZY	22	6.3V	Ceramic
C3042	RC-KZA070WJZZY	22	6.3V	Ceramic
C3043	VCKYCY1EF104ZY	0.1	25V	Ceramic
C3044	VCEAPF0JW226MY	22	6.3V	Electrolytic
C3045	VCEAPF1CW106MY	10	16V	Electrolytic

Ref. No.	Part No.			Description
C3101	VCKYCY1AB105KY	1	10V	Ceramic
C3102	VCKYCY1AB105KY	1	10V	Ceramic
C3103	VCKYCY1EF104ZY	0.1	25V	Ceramic
C3104	VCKYCY1AB105KY	1	10V	Ceramic
C3105	VCKYCY1AB105KY	1	10V	Ceramic
C3106	VCKYCY1AB105KY	1	10V	Ceramic
C3107	VCKYCY1EF104ZY	0.1	25V	Ceramic
C3109	VCKYCY1EF104ZY	0.1	25V	Ceramic
C3110	VCKYCY1EF104ZY	0.1	25V	Ceramic
C3111	VCKYCY1EF104ZY	0.1	25V	Ceramic
C3112	VCEAPF1CW106MY	10	16V	Electrolytic
C3113	VCKYCY1EF104ZY	0.1	25V	Ceramic
C3114	VCKYCY1EF104ZY	0.1	25V	Ceramic
C3115	VCKYCY1EF104ZY	0.1	25V	Ceramic
C3116	VCKYCY1EF104ZY	0.1	25V	Ceramic
C3117	VCKYCY1EF104ZY	0.1	25V	Ceramic
C3118	VCKYCY1EF104ZY	0.1	25V	Ceramic
C3119	VCKYCY1EF104ZY	0.1	25V	Ceramic
C3120	VCKYCY1EF104ZY	0.1	25V	Ceramic
C3121	VCKYCY1EF104ZY	0.1	25V	Ceramic
C3122	VCKYCY1EF104ZY	0.1	25V	Ceramic
C3124	VCKYCY1EF104ZY	0.1	25V	Ceramic
C3125	VCKYCY1EF104ZY	0.1	25V	Ceramic
C3126	VCEAPF1CW106MY	10	16V	Electrolytic
C3127	VCKYCY1CF474ZY	0.47	16V	Ceramic
C3128	RC-KZA048WJZZY	10	25V	Ceramic
C3129	VCKYCY1CF474ZY	0.47	16V	Ceramic
C3130	VCKYCY1CF474ZY	0.47	16V	Ceramic
C3131	VCKYCY1HB222KY	2200p	50V	Ceramic
C3132	VCCCCY1HH100DY	10p	50V	Ceramic
C3133	VCCCCY1HH100DY	10p	50V	Ceramic
C3134	VCCCCY1HH270JY	27p	50V	Ceramic
C3135	VCEAPF1CW106MY	10	16V	Electrolytic
C3136	VCKYCY1EF104ZY	0.1	25V	Ceramic
C3137	VCEAPF1HW105MY	1	50V	Electrolytic
C3138	VCKYCY1EF104ZY	0.1	25V	Ceramic
C3139	VCKYCY1EF104ZY	0.1	25V	Ceramic
C3140	VCKYCY1EF104ZY	0.1	25V	Ceramic
C3142	VCKYCY1HB103KY	0.01	50V	Ceramic
C3143	VCKYCY1EF104ZY	0.1	25V	Ceramic
C3144	VCKYCY1EF104ZY	0.1	25V	Ceramic
C3145	VCEAPF1HW474MY	0.47	50V	Electrolytic
C3146	VCEAPF1HW225MY	2.2	50V	Electrolytic
C3147	VCEAPF1CW106MY	10	16V	Electrolytic
C3148	VCKYCY1EF104ZY	0.1	25V	Ceramic
C3149	VCKYCY1HB103KY	0.01	50V	Ceramic
C3150	VCKYCY1HB222KY	2200p	50V	Ceramic
C3151	VCCCCY1HH9R0DY	9p	50V	Ceramic
C3152	VCKYCY1EF104ZY	0.1	25V	Ceramic
C3153	VCKYCY1EF104ZY	0.1	25V	Ceramic
C3154	VCKYCY1EF104ZY	0.1	25V	Ceramic
C3155	VCKYCY1EF104ZY	0.1	25V	Ceramic
C3157	VCEAPF1CW107MY	100	16V	Electrolytic
C3158	VCKYCY1EF104ZY	0.1	25V	Ceramic
C3159	VCKYCY1HB103KY	0.01	50V	Ceramic
C3160	RC-KZA041WJZZY	10	10V	Ceramic
C3161	VCCCCY1HH470JY	47p	50V	Ceramic
C3163	VCKYCY1EF104ZY	0.1	25V	Ceramic
C3164	VCEAPF0JW476MY	47	6.3V	Electrolytic
C3165	VCKYCY1EF104ZY	0.1	25V	Ceramic
C3166	VCKYCY1EF104ZY	0.1	25V	Ceramic
C3167	VCKYCY1EF104ZY	0.1	25V	Ceramic
C3168	VCEAPF1EW475MY	4.7	25V	Electrolytic
C3169	VCKYCY1EF104ZY	0.1	25V	Ceramic
C3172	VCEAPF0JW476MY	47	6.3V	Electrolytic
C3173	VCKYCY1EF104ZY	0.1	25V	Ceramic
C3174	VCKYCY1EF104ZY	0.1	25V	Ceramic
C3175	VCKYCY1EF104ZY	0.1	25V	Ceramic
C3177	RC-KZA041WJZZY	10	10V	Ceramic
C3178	VCKYCY1HB103KY	0.01	50V	Ceramic
C3179	VCKYCY1EF104ZY	0.1	25V	Ceramic
C3180	VCKYCY1HB103KY	0.01	50V	Ceramic
C3181	VCEAPF0JW476MY	47	6.3V	Electrolytic
C3182	VCKYCY1EF104ZY	0.1	25V	Ceramic
C3183	VCCCCY1HH681JY	680p	50V	Ceramic
C3184	VCKYCY1HB103KY	0.01	50V	Ceramic

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Ref. No.	Part No.			Description
C3185	VCKYCY1EF104ZY	0.1	25V	Ceramic
C3187	VCKYCY1HB103KY	0.01	50V	Ceramic
C3188	VCEAPF0JW476MY	47	6.3V	Electrolytic
C3189	VCKYCY1HB103KY	0.01	50V	Ceramic
C3190	VCKYCY1EF104ZY	0.1	25V	Ceramic
C3191	VCEAPF1CW106MY	10	16V	Electrolytic
C3192	VCKYCY1HB103KY	0.01	50V	Ceramic
C3193	VCKYCY1HB103KY	0.01	50V	Ceramic
C3194	VCKYCY1HB103KY	0.01	50V	Ceramic
C3195	VCEAPF0JW226MY	22	6.3V	Electrolytic
C3196	VCKYCY1EF104ZY	0.1	25V	Ceramic
C3501	VCKYCY1EF104ZY	0.1	25V	Ceramic
C3502	VCEAPF1HW105MY	1	50V	Electrolytic
C3504	VCKYCY1EF104ZY	0.1	25V	Ceramic
C3505	VCEAPF0JW107MY	100	6.3V	Electrolytic
C3506	VCKYCY1AB105KY	1	10V	Ceramic
C3507	VCKYCY1AB105KY	1	10V	Ceramic
C3508	VCKYCY1AB105KY	1	10V	Ceramic
C3509	VCKYCY1AB105KY	1	10V	Ceramic
C3510	VCKYCY1HB222KY	2200p	50V	Ceramic
C3511	VCEAPF0JW107MY	100	6.3V	Electrolytic
C3512	VCKYCY1EF104ZY	0.1	25V	Ceramic
C3513	VCKYCY1AB105KY	1	10V	Ceramic
C3514	VCKYCY1AB105KY	1	10V	Ceramic
C3515	RC-KZA041WJZZY	10	10V	Ceramic
C3516	VCKYCY1EF104ZY	0.1	25V	Ceramic
C3517	VCKYCY1EF104ZY	0.1	25V	Ceramic
C3518	VCKYCY1EF104ZY	0.1	25V	Ceramic
C3520	VCKYCY1AB105KY	1	10V	Ceramic
C3521	VCEAPF1CW107MY	100	16V	Electrolytic
C3522	VCKYCY1EF104ZY	0.1	25V	Ceramic
C3523	VCEAPF1CW106MY	10	16V	Electrolytic
C3524	VCEAPF1EW336MY	33	25V	Electrolytic
C3525	VCKYCY1HB103KY	0.01	50V	Ceramic
C3526	VCKYCY1EF104ZY	0.1	25V	Ceramic
C3527	VCKYCY1EF104ZY	0.1	25V	Ceramic
C3528	VCKYCY1HB103KY	0.01	50V	Ceramic
C3551	VCCCCY1HH101JY	100p	50V	Ceramic
C3552	VCCCCY1HH101JY	100p	50V	Ceramic
C3553	VCCCCY1HH101JY	100p	50V	Ceramic
C3554	VCCCCY1HH101JY	100p	50V	Ceramic
C3555	VCCCCY1HH101JY	100p	50V	Ceramic
C3556	VCCCCY1HH101JY	100p	50V	Ceramic
C3557	VCCCCY1HH101JY	100p	50V	Ceramic
C3558	VCCCCY1HH101JY	100p	50V	Ceramic
C3560	VCKYCY1EF104ZY	0.1	25V	Ceramic
C3561	VCKYCY1EF104ZY	0.1	25V	Ceramic
C3562	VCKYCY1EF104ZY	0.1	25V	Ceramic
C3563	VCEAPF1CW106MY	10	16V	Electrolytic
C3564	VCEAPF0JW107MY	100	6.3V	Electrolytic
C3565	VCKYCY1HB103KY	0.01	50V	Ceramic
C3566	VCKYCY1EF104ZY	0.1	25V	Ceramic
C3567	VCKYCY1HB103KY	0.01	50V	Ceramic
C3568	VCKYCY1HB103KY	0.01	50V	Ceramic
C3569	VCKYCY1HB103KY	0.01	50V	Ceramic
C3570	VCKYCY1HB103KY	0.01	50V	Ceramic
C3571	VCKYCY1HB103KY	0.01	50V	Ceramic
C3572	VCKYCY1HB103KY	0.01	50V	Ceramic
C3573	VCKYCY1HB103KY	0.01	50V	Ceramic
C4001	VCCCCY1HH101JY	100p	50V	Ceramic
C4002	VCCCCY1HH101JY	100p	50V	Ceramic
C4003	VCCCCY1HH101JY	100p	50V	Ceramic
C4004	VCCCCY1HH101JY	100p	50V	Ceramic
C4005	VCCCCY1HH101JY	100p	50V	Ceramic
C4006	VCCCCY1HH101JY	100p	50V	Ceramic
C4007	VCEAPF0JW227MY	220	6.3V	Electrolytic
C4008	VCEAPF0JW227MY	220	6.3V	Electrolytic
C4009	VCEAPF0JW227MY	220	6.3V	Electrolytic
C4010	VCKYCY1EF104ZY	0.1	25V	Ceramic
C4011	VCKYCY1EF104ZY	0.1	25V	Ceramic
C4012	VCEAPF1CW106MY	10	16V	Electrolytic
C4013	VCEAPF1CW106MY	10	16V	Electrolytic
C4014	VCEAPF1CW106MY	10	16V	Electrolytic
C4015	VCEAPF1CW106MY	10	16V	Electrolytic
C4016	VCEAPF1CW106MY	10	16V	Electrolytic
C4017	VCEAPF1CW106MY	10	16V	Electrolytic
C4018	VCEAPF1HW105MY	1	50V	Electrolytic
C4019	VCEAPF1HW105MY	1	50V	Electrolytic
C4020	VCEAPF1CW106MY	10	16V	Electrolytic
C4021	VCKYCY1EF104ZY	0.1	25V	Ceramic
C4022	VCEAPF1HW105MY	1	50V	Electrolytic
C4023	VCEAPF1HW105MY	1	50V	Electrolytic
C4024	VCKYCY1EF104ZY	0.1	25V	Ceramic
C4025	VCKYCY1EF104ZY	0.1	25V	Ceramic
C4026	VCEAPF1CW106MY	10	16V	Electrolytic
C4027	VCKYCY1EF104ZY	0.1	25V	Ceramic
C4028	VCEAPF1CW106MY	10	16V	Electrolytic
C4029	VCEAPF1HW105MY	1	50V	Electrolytic
C4030	VCKYCY1EF104ZY	0.1	25V	Ceramic
C4031	VCEAPF0JW107MY	100	6.3V	Electrolytic
C4032	VCEAPF1CW106MY	10	16V	Electrolytic
C4033	VCEAPF1CW106MY	10	16V	Electrolytic
C4034	VCKYCY1EF104ZY	0.1	25V	Ceramic
C4035	VCEAPF1HW105MY	1	50V	Electrolytic
C4036	VCKYCY1EF104ZY	0.1	25V	Ceramic
C4037	VCKYCY1EF104ZY	0.1	25V	Ceramic
C4038	VCKYCY1AB105KY	1	10V	Ceramic
C4039	VCEAPF1CW107MY	100	16V	Electrolytic
C5001	VCKYCY1EF104ZY	0.1	25V	Ceramic
C5006	VCKYCY1EF104ZY	0.1	25V	Ceramic
C5007	VCKYCY1EF104ZY	0.1	25V	Ceramic
C5008	VCKYCY1EF104ZY	0.1	25V	Ceramic
C5009	VCKYCY1EF104ZY	0.1	25V	Ceramic
C5010	VCKYCY1EF104ZY	0.1	25V	Ceramic
C5011	VCKYCY1EF104ZY	0.1	25V	Ceramic
C5012	VCKYCY1EF104ZY	0.1	25V	Ceramic
C5013	VCKYCY1EF104ZY	0.1	25V	Ceramic
C5014	VCKYCY1EF104ZY	0.1	25V	Ceramic
C5015	VCKYCY1EF104ZY	0.1	25V	Ceramic
C5016	VCKYCY1EF104ZY	0.1	25V	Ceramic
C5017	VCKYCY1EF104ZY	0.1	25V	Ceramic
C5018	VCKYCY1EF104ZY	0.1	25V	Ceramic
C5019	VCKYCY1EF104ZY	0.1	25V	Ceramic
C5020	VCKYCY1HB102KY	1000p	50V	Ceramic
C5021	VCKYCY1HB102KY	1000p	50V	Ceramic
C8001	VCKYCY1EF104ZY	0.1	25V	Ceramic
C8002	VCKYCY1EF104ZY	0.1	25V	Ceramic
C8003	VCKYCY1EF104ZY	0.1	25V	Ceramic
C8004	VCKYCY1EF104ZY	0.1	25V	Ceramic
C8005	VCKYCY1EF104ZY	0.1	25V	Ceramic
C8006	VCKYCY1EF104ZY	0.1	25V	Ceramic
C8007	VCKYCY1EF104ZY	0.1	25V	Ceramic
C8008	VCKYCY1EF104ZY	0.1	25V	Ceramic
C8009	VCKYCY1EF104ZY	0.1	25V	Ceramic
C8010	VCKYCY1EF104ZY	0.1	25V	Ceramic
C8011	VCKYCY1EF104ZY	0.1	25V	Ceramic
C8012	VCKYCY1EF104ZY	0.1	25V	Ceramic
C8013	VCKYCY1EF104ZY	0.1	25V	Ceramic
C8014	VCKYCY1EF104ZY	0.1	25V	Ceramic
C8015	VCKYCY1EF104ZY	0.1	25V	Ceramic
C8016	VCKYCY1CB104KY	0.1	16V	Ceramic
C8017	VCKYCY1EF104ZY	0.1	25V	Ceramic
C8018	VCKYCY1EF104ZY	0.1	25V	Ceramic
C8019	VCKYCY1EF104ZY	0.1	25V	Ceramic
C8020	VCKYCY1EF104ZY	0.1	25V	Ceramic
C8021	VCKYCY1EF104ZY	0.1	25V	Ceramic
C8022	VCKYCY1EF104ZY	0.1	25V	Ceramic
C8023	VCKYCY1EF104ZY	0.1	25V	Ceramic
C8024	VCKYCY1EF104ZY	0.1	25V	Ceramic
C8025	VCKYCY1EF104ZY	0.1	25V	Ceramic
C8026	VCKYCY1EF104ZY	0.1	25V	Ceramic
C8027	VCKYCY1EF104ZY	0.1	25V	Ceramic
C8028	VCKYCY1EF104ZY	0.1	25V	Ceramic
C8029	VCKYCY1EF104ZY	0.1	25V	Ceramic
C8030	VCKYCY1EF104ZY	0.1	25V	Ceramic
C8031	VCKYCY1HB102KY	1000p	50V	Ceramic
C8032	VCKYCY1HB102KY	1000p	50V	Ceramic
C8033	VCCCCY1HH150JY	15p	50V	Ceramic

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MAIN UNIT (Continued)

Ref. No.	Part No.			Description
C8034	VCCCCY1HH150JY	15p	50V	Ceramic
C8038	VCKYCY1EF104ZY	0.1	25V	Ceramic
C8039	VCKYCY1EF104ZY	0.1	25V	Ceramic
C8040	VCKYCY1CB104KY	0.1	16V	Ceramic
C8041	VCKYCY1EF104ZY	0.1	25V	Ceramic
C8201	VCKYCY1EF104ZY	0.1	25V	Ceramic
C8202	VCKYCY1EF104ZY	0.1	25V	Ceramic
C8203	VCKYCY1EF104ZY	0.1	25V	Ceramic
C8204	VCKYCY1EF104ZY	0.1	25V	Ceramic
C8205	VCKYCY1EF104ZY	0.1	25V	Ceramic
C8206	VCKYCY1EF104ZY	0.1	25V	Ceramic
C8207	VCKYCY1EF104ZY	0.1	25V	Ceramic
C8208	VCEAPF0JW226MY	22	6.3V	Electrolytic
C8209	VCKYCY1EF104ZY	0.1	25V	Ceramic
C8210	VCKYCY1EF104ZY	0.1	25V	Ceramic
C8211	VCKYCY1EF104ZY	0.1	25V	Ceramic
C8212	VCKYCY1EF104ZY	0.1	25V	Ceramic
C8213	VCEAPF0JW227MY	220	6.3V	Electrolytic
C8214	VCEAPF0JW227MY	220	6.3V	Electrolytic
C8215	VCKYCY1EF104ZY	0.1	25V	Ceramic
C8216	VCKYCY1EF104ZY	0.1	25V	Ceramic
C8217	VCKYCY1EF104ZY	0.1	25V	Ceramic
C8218	VCKYCY1EF104ZY	0.1	25V	Ceramic
C8219	VCCCCY1HH9R0DY	9p	50V	Ceramic
C8220	VCCCCY1HH9R0DY	9p	50V	Ceramic
C8221	VCKYCY1EF104ZY	0.1	25V	Ceramic

RESISTORS

R1701	VRS-CY1JF102JY	1k	1/16W	Metal Oxide
R1702	VRS-CY1JF103JY	10k	1/16W	Metal Oxide
R1703	VRS-CY1JF103JY	10k	1/16W	Metal Oxide
R1704	VRS-CY1JF103JY	10k	1/16W	Metal Oxide
R1705	VRS-CY1JF100JY	10	1/16W	Metal Oxide
R1706	VRS-CY1JF103JY	10k	1/16W	Metal Oxide
R1707	VRS-CJ1JF100JY	10	1/16W	Metal Oxide
R1708	VRS-CJ1JF100JY	10	1/16W	Metal Oxide
R1709	VRS-CY1JF224JY	220k	1/16W	Metal Oxide
R1710	VRS-CY1JF103JY	10k	1/16W	Metal Oxide
R1711	VRS-CY1JF472JY	4.7k	1/16W	Metal Oxide
R1712	VRS-CY1JF103JY	10k	1/16W	Metal Oxide
R1713	VRS-CY1JF102JY	1k	1/16W	Metal Oxide
R1714	VRS-TX2HF2R2JY	2.2	1/2W	Metal Oxide
R1715	VRS-CY1JF104JY	100k	1/16W	Metal Oxide
R1716	VRS-CH1JF103JY	10k	1/16W	Metal Oxide
R1717	VRS-TX2HF2R2JY	2.2	1/2W	Metal Oxide
R1718	VRS-TX2HF2R2JY	2.2	1/2W	Metal Oxide
R1719	VRS-TX2HF2R2JY	2.2	1/2W	Metal Oxide
R1720	VRS-TX2HF2R2JY	2.2	1/2W	Metal Oxide
R1721	VRS-CY1JF102JY	1k	1/16W	Metal Oxide
R1722	VRS-CY1JF102JY	1k	1/16W	Metal Oxide
R1723	VRS-CY1JF102JY	1k	1/16W	Metal Oxide
R1724	VRS-CY1JF102JY	1k	1/16W	Metal Oxide
R1725	VRS-CY1JF103FY	10k	1/16W	Metal Oxide
R1726	VRS-CY1JF103FY	10k	1/16W	Metal Oxide
R1728	VRS-CY1JF103FY	10k	1/16W	Metal Oxide
R1729	VRS-CY1JF683FY	68k	1/16W	Metal Oxide
R1730	VRS-CY1JF224JY	220k	1/16W	Metal Oxide
R1731	VRS-CY1JF113FY	11k	1/16W	Metal Oxide
R1732	VRS-CY1JF103FY	10k	1/16W	Metal Oxide
R1733	VRS-TX2HF1R8JY	1.8	1/2W	Metal Oxide
R1734	VRS-CY1JF000JY	0	1/16W	Metal Oxide
R1735	VRS-CY1JF472JY	4.7k	1/16W	Metal Oxide
R1736	VRS-CY1JF101JY	100	1/16W	Metal Oxide
R1737	VRS-CY1JF103JY	10k	1/16W	Metal Oxide
R1738	VRS-CY1JF102FY	1k	1/16W	Metal Oxide
R1739	VRS-CY1JF102FY	1k	1/16W	Metal Oxide
R1740	VRS-TX2HF1R8JY	1.8	1/2W	Metal Oxide
R1741	VRS-CY1JF103JY	10k	1/16W	Metal Oxide
R1742	VRS-CY1JF103FY	10k	1/16W	Metal Oxide
R1743	VRS-CY1JF124JY	120k	1/16W	Metal Oxide
R1744	VRS-CY1JF273FY	27k	1/16W	Metal Oxide
R1745	VRS-CY1JF133FY	13k	1/16W	Metal Oxide
R1746	VRS-CY1JF000JY	0	1/16W	Metal Oxide
R1747	VRS-CY1JF103JY	10k	1/16W	Metal Oxide
R1748	VRS-CY1JF101JY	100	1/16W	Metal Oxide
R1749	VRS-TX2HF1R0JY	1	1/2W	Metal Oxide
R1750	VRS-TX2HF1R0JY	1	1/2W	Metal Oxide
R1751	VRS-TX2HF1R0JY	1	1/2W	Metal Oxide
R1752	VRS-TX2HF3R3JY	3.3	1/2W	Metal Oxide
R1753	VRS-CY1JF154JY	150k	1/16W	Metal Oxide
R1754	VRS-CY1JF362FY	3.6k	1/16W	Metal Oxide
R1755	VRS-CY1JF392FY	3.9k	1/16W	Metal Oxide
R1756	VRS-CY1JF562FY	5.6k	1/16W	Metal Oxide
R1757	VRS-CY1JF392FY	3.9k	1/16W	Metal Oxide
R1758	VRS-CY1JF474JY	470k	1/16W	Metal Oxide
R1759	VRS-CY1JF563JY	56k	1/16W	Metal Oxide
R1760	VRS-CY1JF823JY	82k	1/16W	Metal Oxide
R1761	VRS-CY1JF683JY	68k	1/16W	Metal Oxide
R1762	VRS-CY1JF273FY	27k	1/16W	Metal Oxide
R1763	VRS-CY1JF113FY	11k	1/16W	Metal Oxide
R1764	VRS-CY1JF273FY	27k	1/16W	Metal Oxide
R1765	VRS-CY1JF123FY	12k	1/16W	Metal Oxide
R1766	VRS-CY1JF183FY	18k	1/16W	Metal Oxide
R1767	VRS-CY1JF752FY	7.5k	1/16W	Metal Oxide
R1768	VRS-CY1JF183FY	18k	1/16W	Metal Oxide
R1770	VRS-CY1JF273FY	27k	1/16W	Metal Oxide
R1771	VRS-CY1JF103JY	10k	1/16W	Metal Oxide
R1772	VRS-TX2HF1R0JY	1	1/2W	Metal Oxide
R1773	VRS-TX2HF1R0JY	1	1/2W	Metal Oxide
R1776	VRS-TX2HF1R0JY	1	1/2W	Metal Oxide
R1777	VRS-TX2HF1R0JY	1	1/2W	Metal Oxide
R1778	VRS-CY1JF473JY	47k	1/16W	Metal Oxide
R1779	VRS-TX2HF1R0JY	1	1/2W	Metal Oxide
R1781	VRS-CY1JF392JY	3.9k	1/16W	Metal Oxide
R1782	VRS-CY1JF103JY	10k	1/16W	Metal Oxide
R1783	VRS-CY1JF103JY	10k	1/16W	Metal Oxide
R1784	VRS-CY1JF683FY	68k	1/16W	Metal Oxide
R1786	VRS-CY1JF103JY	10k	1/16W	Metal Oxide
R1787	VRS-TX2HF1R0JY	1	1/2W	Metal Oxide
R1788	VRS-TX2HF1R0JY	1	1/2W	Metal Oxide
R1790	VRS-CY1JF103JY	10k	1/16W	Metal Oxide
R1791	VRS-CY1JF103JY	10k	1/16W	Metal Oxide
R1792	VRS-TX2HF1R0JY	1	1/2W	Metal Oxide
R1794	VRS-CJ1JF103JY	10k	1/16W	Metal Oxide
R1796	VRS-CJ1JF103JY	10k	1/16W	Metal Oxide
R1798	VRS-CY1JF000JY	0	1/16W	Metal Oxide
R1799	VRS-CY1JF000JY	0	1/16W	Metal Oxide
R2001	VRS-CJ1JF101JY	100	1/16W	Metal Oxide
R2002	VRS-CY1JF332JY	3.3k	1/16W	Metal Oxide
R2003	VRS-CY1JF000JY	0	1/16W	Metal Oxide
R2004	VRS-CY1JF000JY	0	1/16W	Metal Oxide
R2005	VRS-CY1JF101JY	100	1/16W	Metal Oxide
R2006	VRS-CY1JF000JY	0	1/16W	Metal Oxide
R2007	VRS-CY1JF000JY	0	1/16W	Metal Oxide
R2008	VRS-CY1JF000JY	0	1/16W	Metal Oxide
R2009	VRS-CY1JF000JY	0	1/16W	Metal Oxide
R2011	VRS-CJ1JF101JY	100	1/16W	Metal Oxide
R2012	VRS-CY1JF332JY	3.3k	1/16W	Metal Oxide
R2017	VRS-CY1JF000JY	0	1/16W	Metal Oxide
R2018	VRS-CY1JF101JY	100	1/16W	Metal Oxide
R2019	VRS-CY1JF000JY	0	1/16W	Metal Oxide
R2020	VRS-CY1JF000JY	0	1/16W	Metal Oxide
R2021	VRS-CY1JF000JY	0	1/16W	Metal Oxide
R2022	VRS-CY1JF000JY	0	1/16W	Metal Oxide
R2023	VRS-CY1JF000JY	0	1/16W	Metal Oxide
R2026	VRS-CY1JF102JY	1k	1/16W	Metal Oxide
R2028	VRS-CY1JF000JY	0	1/16W	Metal Oxide
R2029	VRS-CY1JF222JY	2.2k	1/16W	Metal Oxide
R2030	VRS-CH1JF220JY	22	1/16W	Metal Oxide
R2032	VRS-CY1JF103JY	10k	1/16W	Metal Oxide
R2033	VRS-CH1JF220JY	22	1/16W	Metal Oxide
R2034	VRS-CH1JF220JY	22	1/16W	Metal Oxide
R2035	VRS-CJ1JF270JY	27	1/16W	Metal Oxide
R2036	VRS-CH1JF220JY	22	1/16W	Metal Oxide
R2037	VRS-CH1JF220JY	22	1/16W	Metal Oxide
R2038	VRS-CH1JF470JY	47	1/16W	Metal Oxide
R2039	VRS-CH1JF220JY	22	1/16W	Metal Oxide

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MAIN UNIT (Continued)

Ref. No.	Part No.			Description
R2040	VRS-CH1JF220JY	22	1/16W	Metal Oxide
R2041	VRS-CH1JF470JY	47	1/16W	Metal Oxide
R2042	VRS-CH1JF220JY	22	1/16W	Metal Oxide
R2043	VRS-CY1JF220JY	22	1/16W	Metal Oxide
R2044	VRS-CH1JF470JY	47	1/16W	Metal Oxide
R2045	VRS-CY1JF220JY	22	1/16W	Metal Oxide
R2046	VRS-CY1JF000JY	0	1/16W	Metal Oxide
R2048	VRS-CH1JF220JY	22	1/16W	Metal Oxide
R2049	VRS-CH1JF470JY	47	1/16W	Metal Oxide
R2050	VRS-CH1JF220JY	22	1/16W	Metal Oxide
R2051	VRS-CY1JF000JY	0	1/16W	Metal Oxide
R2052	VRS-CH1JF470JY	47	1/16W	Metal Oxide
R2053	VRS-CH1JF470JY	47	1/16W	Metal Oxide
R2054	VRS-CH1JF220JY	22	1/16W	Metal Oxide
R2055	VRS-CY1JF102JY	1k	1/16W	Metal Oxide
R2056	VRS-CJ1JF472JY	4.7k	1/16W	Metal Oxide
R2057	VRS-CY1JF103JY	10k	1/16W	Metal Oxide
R2058	VRS-CY1JF103JY	10k	1/16W	Metal Oxide
R2059	VRS-CY1JF680JY	68	1/16W	Metal Oxide
R2060	VRS-CY1JF680JY	68	1/16W	Metal Oxide
R2063	VRS-CJ1JF000JY	0	1/16W	Metal Oxide
R2072	VRS-CY1JF000JY	0	1/16W	Metal Oxide
R2203	VRS-CH1JF101JY	100	1/16W	Metal Oxide
R2204	VRS-CY1JF101JY	100	1/16W	Metal Oxide
R2205	VRS-CY1JF101JY	100	1/16W	Metal Oxide
R2207	VRS-CY1JF103JY	10k	1/16W	Metal Oxide
R2208	VRS-CH1JF101JY	100	1/16W	Metal Oxide
R2209	VRS-CJ1JF102JY	1k	1/16W	Metal Oxide
R2210	VRS-CJ1JF102JY	1k	1/16W	Metal Oxide
R2211	VRS-CH1JF101JY	100	1/16W	Metal Oxide
R2212	VRS-CH1JF101JY	100	1/16W	Metal Oxide
R2213	VRS-CY1JF103JY	10k	1/16W	Metal Oxide
R2215	VRS-CY1JF000JY	0	1/16W	Metal Oxide
R2216	VRS-CH1JF101JY	100	1/16W	Metal Oxide
R2217	VRS-CH1JF101JY	100	1/16W	Metal Oxide
R2218	VRS-CH1JF101JY	100	1/16W	Metal Oxide
R2219	VRS-CY1JF103JY	10k	1/16W	Metal Oxide
R2220	VRS-CJ1JF270JY	27	1/16W	Metal Oxide
R2221	VRS-CY1JF152JY	1.5k	1/16W	Metal Oxide
R2222	VRS-CY1JF100JY	10	1/16W	Metal Oxide
R2223	VRS-CY1JF101JY	100	1/16W	Metal Oxide
R2224	VRS-CY1JF101JY	100	1/16W	Metal Oxide
R2225	VRS-CY1JF101JY	100	1/16W	Metal Oxide
R2226	VRS-CH1JF101JY	100	1/16W	Metal Oxide
R2227	VRS-CH1JF101JY	100	1/16W	Metal Oxide
R2229	VRS-CJ1JF101JY	100	1/16W	Metal Oxide
R2230	VRS-CJ1JF101JY	100	1/16W	Metal Oxide
R2231	VRS-CJ1JF472JY	4.7k	1/16W	Metal Oxide
R2234	VRS-CJ1JF000JY	0	1/16W	Metal Oxide
R2235	VRS-CY1JF332JY	3.3k	1/16W	Metal Oxide
R2236	VRS-CY1JF332JY	3.3k	1/16W	Metal Oxide
R2237	VRS-CY1JF222JY	2.2k	1/16W	Metal Oxide
R2238	VRS-CJ1JF472JY	4.7k	1/16W	Metal Oxide
R2501	VRS-CY1JF000JY	0	1/16W	Metal Oxide
R2502	VRS-CY1JF000JY	0	1/16W	Metal Oxide
R2503	VRS-CY1JF000JY	0	1/16W	Metal Oxide
R2504	VRS-CY1JF000JY	0	1/16W	Metal Oxide
R2505	VRS-CY1JF000JY	0	1/16W	Metal Oxide
R2506	VRS-CY1JF000JY	0	1/16W	Metal Oxide
R2507	VRS-CY1JF103JY	10k	1/16W	Metal Oxide
R2508	VRS-CY1JF473FY	47k	1/16W	Metal Oxide
R2509	VRS-CY1JF473FY	47k	1/16W	Metal Oxide
R2510	VRN-CY1JF273DY	27k	1/16W	Metal Film
R2511	VRS-CY1JF223JY	22k	1/16W	Metal Oxide
R2512	VRS-CY1JF822JY	8.2k	1/16W	Metal Oxide
R2700	VRS-CY1JF000JY	0	1/16W	Metal Oxide
R2701	VRS-CY1JF103JY	10k	1/16W	Metal Oxide
R2702	VRS-CY1JF103JY	10k	1/16W	Metal Oxide
R2703	VRS-CH1JF103JY	10k	1/16W	Metal Oxide
R2704	VRS-CY1JF132FY	1.3k	1/16W	Metal Oxide
R2705	VRS-TX2HF1R0JY	1	1/2W	Metal Oxide
R2706	VRS-CY1JF104JY	100k	1/16W	Metal Oxide
R2707	VRS-CY1JF102JY	1k	1/16W	Metal Oxide
R2708	VRS-CY1JF103JY	10k	1/16W	Metal Oxide
R2709	VRS-CY1JF104JY	100k	1/16W	Metal Oxide
R2711	VRS-CY1JF124JY	120k	1/16W	Metal Oxide
R2712	VRS-CY1JF562JY	5.6k	1/16W	Metal Oxide
R2713	VRS-CY1JF562JY	5.6k	1/16W	Metal Oxide
R3001	VRS-CY1JF102JY	1k	1/16W	Metal Oxide
R3002	VRS-CY1JF000JY	0	1/16W	Metal Oxide
R3003	VRS-CY1JF101JY	100	1/16W	Metal Oxide
R3004	VRS-CY1JF000JY	0	1/16W	Metal Oxide
R3005	VRS-CJ1JF472JY	4.7k	1/16W	Metal Oxide
R3007	VRS-TW2ED2R2JY	2.2	1/4W	Metal Oxide
R3009	VRS-CY1JF101JY	100	1/16W	Metal Oxide
R3015	VRS-CH1JF100JY	10	1/16W	Metal Oxide
R3016	VRS-CY1JF000JY	0	1/16W	Metal Oxide
R3017	VRS-CY1JF113FY	11k	1/16W	Metal Oxide
R3021	VRS-CY1JF000JY	0	1/16W	Metal Oxide
R3025	VRS-CY1JF102JY	1k	1/16W	Metal Oxide
R3026	VRS-CJ1JF101JY	100	1/16W	Metal Oxide
R3027	VRS-CY1JF000JY	0	1/16W	Metal Oxide
R3029	VRS-CJ1JF101JY	100	1/16W	Metal Oxide
R3032	VRS-CH1JF101JY	100	1/16W	Metal Oxide
R3033	VRS-CH1JF101JY	100	1/16W	Metal Oxide
R3034	VRS-CY1JF000JY	0	1/16W	Metal Oxide
R3037	VRS-CH1JF101JY	100	1/16W	Metal Oxide
R3038	VRS-CH1JF101JY	100	1/16W	Metal Oxide
R3039	VRS-CH1JF101JY	100	1/16W	Metal Oxide
R3040	VRS-CH1JF101JY	100	1/16W	Metal Oxide
R3041	VRS-CH1JF101JY	100	1/16W	Metal Oxide
R3043	VRS-CJ1JF101JY	100	1/16W	Metal Oxide
R3045	VRS-CY1JF104JY	100k	1/16W	Metal Oxide
R3046	VRS-CY1JF102JY	1k	1/16W	Metal Oxide
R3047	VRS-CY1JF102JY	1k	1/16W	Metal Oxide
R3048	VRS-CY1JF102JY	1k	1/16W	Metal Oxide
R3049	VRS-CY1JF103JY	10k	1/16W	Metal Oxide
R3050	VRS-CY1JF470JY	47	1/16W	Metal Oxide
R3053	VRS-CY1JF470JY	47	1/16W	Metal Oxide
R3054	VRS-CY1JF103JY	10k	1/16W	Metal Oxide
R3055	VRS-CY1JF103JY	10k	1/16W	Metal Oxide
R3063	VRS-CY1JF000JY	0	1/16W	Metal Oxide
R3064	VRS-CY1JF470JY	47	1/16W	Metal Oxide
R3065	VRS-CY1JF102JY	1k	1/16W	Metal Oxide
R3101	VRS-TW2ED750JY	75	1/4W	Metal Oxide
R3102	VRS-TW2ED750JY	75	1/4W	Metal Oxide
R3103	VRS-CY1JF471JY	470	1/16W	Metal Oxide
R3104	VRS-TW2ED750JY	75	1/4W	Metal Oxide
R3105	VRS-CY1JF473FY	47k	1/16W	Metal Oxide
R3106	VRS-CY1JF000JY	0	1/16W	Metal Oxide
R3107	VRS-CY1JF000JY	0	1/16W	Metal Oxide
R3108	VRS-CY1JF000JY	0	1/16W	Metal Oxide
R3109	VRS-CJ1JF101JY	100	1/16W	Metal Oxide
R3110	VRS-CY1JF101JY	100	1/16W	Metal Oxide
R3111	VRS-CY1JF101JY	100	1/16W	Metal Oxide
R3112	VRS-CY1JF101JY	100	1/16W	Metal Oxide
R3113	VRS-CY1JF470JY	47	1/16W	Metal Oxide
R3114	VRS-CY1JF223FY	22k	1/16W	Metal Oxide
R3115	VRS-CY1JF102JY	1k	1/16W	Metal Oxide
R3116	VRS-CY1JF102JY	1k	1/16W	Metal Oxide
R3117	VRS-CY1JF101JY	100	1/16W	Metal Oxide
R3118	VRS-CY1JF223JY	22k	1/16W	Metal Oxide
R3119	VRS-CY1JF223JY	22k	1/16W	Metal Oxide
R3120	VRS-CY1JF102JY	1k	1/16W	Metal Oxide
R3121	VRS-CY1JF101JY	100	1/16W	Metal Oxide
R3122	VRS-CY1JF102JY	1k	1/16W	Metal Oxide
R3123	VRS-CY1JF101JY	100	1/16W	Metal Oxide
R3124	VRS-CY1JF222JY	2.2k	1/16W	Metal Oxide
R3125	VRS-CY1JF102JY	1k	1/16W	Metal Oxide
R3126	VRS-CJ1JF472JY	4.7k	1/16W	Metal Oxide
R3127	VRS-CJ1JF103JY	10k	1/16W	Metal Oxide
R3128	VRS-CY1JF103JY	10k	1/16W	Metal Oxide
R3129	VRS-CY1JF472JY	4.7k	1/16W	Metal Oxide
R3131	VRS-CY1JF335JY	3.3M	1/16W	Metal Oxide
R3132	VRS-CY1JF472JY	4.7k	1/16W	Metal Oxide
R3133	VRS-CY1JF560JY	56	1/16W	Metal Oxide
R3134	VRS-CY1JF682JY	6.8k	1/16W	Metal Oxide
R3135	VRS-CY1JF103JY	10k	1/16W	Metal Oxide

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MAIN UNIT (Continued)

Ref. No.	Part No.	Description		
R3136	VRS-CY1JF103JY	10k	1/16W	Metal Oxide
R3137	VRS-CY1JF102JY	1k	1/16W	Metal Oxide
R3138	VRS-CY1JF101JY	100	1/16W	Metal Oxide
R3140	VRS-CY1JF681JY	680	1/16W	Metal Oxide
R3141	VRS-CY1JF273FY	27k	1/16W	Metal Oxide
R3142	VRS-CY1JF392JY	3.9k	1/16W	Metal Oxide
R3144	VRS-CY1JF103JY	10k	1/16W	Metal Oxide
R3147	VRS-CY1JF101JY	100	1/16W	Metal Oxide
R3148	VRS-CY1JF561JY	560	1/16W	Metal Oxide
R3149	VRS-CY1JF000JY	0	1/16W	Metal Oxide
R3150	VRS-CY1JF102JY	1k	1/16W	Metal Oxide
R3151	VRS-CY1JF103JY	10k	1/16W	Metal Oxide
R3152	VRS-CY1JF101JY	100	1/16W	Metal Oxide
R3153	VRS-CY1JF471JY	470	1/16W	Metal Oxide
R3154	VRS-CY1JF222JY	2.2k	1/16W	Metal Oxide
R3155	VRS-CY1JF471JY	470	1/16W	Metal Oxide
R3156	VRS-CY1JF101JY	100	1/16W	Metal Oxide
R3157	VRS-CY1JF561JY	560	1/16W	Metal Oxide
R3158	VRS-CY1JF471JY	470	1/16W	Metal Oxide
R3159	VRS-CY1JF102JY	1k	1/16W	Metal Oxide
R3160	VRS-CY1JF471JY	470	1/16W	Metal Oxide
R3161	VRS-CY1JF101JY	100	1/16W	Metal Oxide
R3162	VRS-CY1JF821FY	820	1/16W	Metal Oxide
R3163	VRS-CY1JF471FY	470	1/16W	Metal Oxide
R3164	VRS-CY1JF102JY	1k	1/16W	Metal Oxide
R3165	VRS-CY1JF102JY	1k	1/16W	Metal Oxide
R3166	VRS-CY1JF152JY	1.5k	1/16W	Metal Oxide
R3167	VRS-CY1JF471FY	470	1/16W	Metal Oxide
R3168	VRS-CY1JF222JY	2.2k	1/16W	Metal Oxide
R3169	VRS-CY1JF471JY	470	1/16W	Metal Oxide
R3170	VRS-CY1JF101JY	100	1/16W	Metal Oxide
R3171	VRS-CY1JF561JY	560	1/16W	Metal Oxide
R3172	VRS-CY1JF302JY	3k	1/16W	Metal Oxide
R3174	VRS-CY1JF392JY	3.9k	1/16W	Metal Oxide
R3175	VRS-CY1JF222JY	2.2k	1/16W	Metal Oxide
R3176	VRS-CY1JF102JY	1k	1/16W	Metal Oxide
R3177	VRS-CY1JF331JY	330	1/16W	Metal Oxide
R3178	VRS-CY1JF471JY	470	1/16W	Metal Oxide
R3179	VRS-CY1JF391JY	390	1/16W	Metal Oxide
R3180	VRS-CY1JF102JY	1k	1/16W	Metal Oxide
R3181	VRS-CY1JF222JY	2.2k	1/16W	Metal Oxide
R3182	VRS-CY1JF102JY	1k	1/16W	Metal Oxide
R3183	VRS-CY1JF102JY	1k	1/16W	Metal Oxide
R3184	VRS-CY1JF100JY	10	1/16W	Metal Oxide
R3185	VRS-CY1JF100JY	10	1/16W	Metal Oxide
R3186	VRS-CY1JF222JY	2.2k	1/16W	Metal Oxide
R3187	VRS-CY1JF222JY	2.2k	1/16W	Metal Oxide
R3188	VRS-CY1JF101JY	100	1/16W	Metal Oxide
R3189	VRS-CY1JF101JY	100	1/16W	Metal Oxide
R3190	VRS-CY1JF101JY	100	1/16W	Metal Oxide
R3501	VRS-TX2HF8R2JY	8.2	1/2W	Metal Oxide
R3502	VRS-CY1JF102JY	1k	1/16W	Metal Oxide
R3503	VRS-CY1JF101JY	100	1/16W	Metal Oxide
R3504	VRS-CY1JF101JY	100	1/16W	Metal Oxide
R3505	VRS-CY1JF103JY	10k	1/16W	Metal Oxide
R3506	VRS-CY1JF154JY	150k	1/16W	Metal Oxide
R3507	VRS-CY1JF154JY	150k	1/16W	Metal Oxide
R3508	VRS-CJ1JF101JY	100	1/16W	Metal Oxide
R3509	VRS-CY1JF103JY	10k	1/16W	Metal Oxide
R3510	VRS-CY1JF104JY	100k	1/16W	Metal Oxide
R3511	VRS-CY1JF104JY	100k	1/16W	Metal Oxide
R3513	VRS-CY1JF472JY	4.7k	1/16W	Metal Oxide
R3514	VRS-CY1JF473JY	47k	1/16W	Metal Oxide
R3515	VRS-CY1JF473JY	47k	1/16W	Metal Oxide
R3516	VRS-CY1JF562JY	5.6k	1/16W	Metal Oxide
R3517	VRS-CY1JF103JY	10k	1/16W	Metal Oxide
R3518	VRS-CY1JF102JY	1k	1/16W	Metal Oxide
R3519	VRS-CY1JF103JY	10k	1/16W	Metal Oxide
R3520	VRS-CY1JF103JY	10k	1/16W	Metal Oxide
R3522	VRS-CY1JF103JY	10k	1/16W	Metal Oxide
R3524	VRS-CY1JF223JY	22k	1/16W	Metal Oxide
R3525	VRS-CY1JF103JY	10k	1/16W	Metal Oxide
R3526	VRN-CY1JF472DY	4.7k	1/16W	Metal Film
R3527	VRS-CY1JF184FY	180k	1/16W	Metal Oxide
R3528	VRS-CY1JF103JY	10k	1/16W	Metal Oxide
R3529	VRS-CY1JF392JY	3.9k	1/16W	Metal Oxide
R3530	VRS-CY1JF103JY	10k	1/16W	Metal Oxide
R3531	VRS-CJ1JF472JY	4.7k	1/16W	Metal Oxide
R3532	VRS-CE3AF3R3JY	3.3	1W	Metal Oxide
R3534	VRS-CE3AF2R2JY	2.2	1W	Metal Oxide
R3536	VRS-CY1JF184FY	180k	1/16W	Metal Oxide
R3537	VRN-CY1JF472DY	4.7k	1/16W	Metal Film
R3538	VRS-CY1JF562JY	5.6k	1/16W	Metal Oxide
R3539	VRS-CY1JF102JY	1k	1/16W	Metal Oxide
R3551	VRS-CJ1JF472JY	4.7k	1/16W	Metal Oxide
R3553	VRS-CJ1JF472JY	4.7k	1/16W	Metal Oxide
R3554	VRS-CH1JF101JY	100	1/16W	Metal Oxide
R3555	VRS-CH1JF101JY	100	1/16W	Metal Oxide
R3556	VRS-CY1JF000JY	0	1/16W	Metal Oxide
R3557	VRS-CY1JF000JY	0	1/16W	Metal Oxide
R3558	VRS-CY1JF101JY	100	1/16W	Metal Oxide
R3559	VRS-CH1JF103JY	10k	1/16W	Metal Oxide
R3560	VRS-CH1JF103JY	10k	1/16W	Metal Oxide
R3561	VRS-CJ1JF101JY	100	1/16W	Metal Oxide
R3562	VRS-CY1JF101JY	100	1/16W	Metal Oxide
R3563	VRS-CY1JF101JY	100	1/16W	Metal Oxide
R3564	VRS-CY1JF101JY	100	1/16W	Metal Oxide
R3565	VRS-CY1JF101JY	100	1/16W	Metal Oxide
R3566	VRS-CY1JF101JY	100	1/16W	Metal Oxide
R3567	VRS-CY1JF101JY	100	1/16W	Metal Oxide
R3568	VRS-CY1JF101JY	100	1/16W	Metal Oxide
R3569	VRS-CJ1JF101JY	100	1/16W	Metal Oxide
R3570	VRS-CY1JF101JY	100	1/16W	Metal Oxide
R3571	VRS-CY1JF101JY	100	1/16W	Metal Oxide
R3572	VRS-CY1JF101JY	100	1/16W	Metal Oxide
R3573	VRS-CY1JF101JY	100	1/16W	Metal Oxide
R3574	VRS-CY1JF101JY	100	1/16W	Metal Oxide
R3575	VRS-CY1JF102JY	1k	1/16W	Metal Oxide
R3576	VRS-TX2HF1R0JY	1	1/2W	Metal Oxide
R3577	VRS-TV1JD471JY	470	1/16W	Metal Oxide
R3578	VRS-CY1JF101JY	100	1/16W	Metal Oxide
R3579	VRS-TV1JD681JY	680	1/16W	Metal Oxide
R3580	VRS-CY1JF000JY	0	1/16W	Metal Oxide
R3581	VRS-CY1JF101JY	100	1/16W	Metal Oxide
R3582	VRS-CY1JF000JY	0	1/16W	Metal Oxide
R3583	VRS-CJ1JF101JY	100	1/16W	Metal Oxide
R3584	VRS-CY1JF102JY	1k	1/16W	Metal Oxide
R3585	VRS-CY1JF000JY	0	1/16W	Metal Oxide
R3586	VRS-CY1JF101JY	100	1/16W	Metal Oxide
R3587	VRS-TV1JD471JY	470	1/16W	Metal Oxide
R3589	VRS-CY1JF101JY	100	1/16W	Metal Oxide
R3590	VRS-CY1JF000JY	0	1/16W	Metal Oxide
R3591	VRS-TV1JD681JY	680	1/16W	Metal Oxide
R3592	VRS-CY1JF102JY	1k	1/16W	Metal Oxide
R3593	VRS-CY1JF101JY	100	1/16W	Metal Oxide
R3594	VRS-CY1JF101JY	100	1/16W	Metal Oxide
R3595	VRS-CY1JF101JY	100	1/16W	Metal Oxide
R3596	VRS-CY1JF102JY	1k	1/16W	Metal Oxide
R3598	VRS-CY1JF101JY	100	1/16W	Metal Oxide
R3599	VRS-CY1JF101JY	100	1/16W	Metal Oxide
R3600	VRS-TV1JD681JY	680	1/16W	Metal Oxide
R3601	VRS-CY1JF000JY	0	1/16W	Metal Oxide
R3602	VRS-CY1JF000JY	0	1/16W	Metal Oxide
R4004	VRS-CY1JF104JY	100k	1/16W	Metal Oxide
R4005	VRS-CY1JF104JY	100k	1/16W	Metal Oxide
R4006	VRS-TW2ED750JY	75	1/4W	Metal Oxide
R4007	VRS-TW2ED750JY	75	1/4W	Metal Oxide
R4008	VRS-CY1JF104JY	100k	1/16W	Metal Oxide
R4009	VRS-TW2ED750JY	75	1/4W	Metal Oxide
R4010	VRS-TW2ED750JY	75	1/4W	Metal Oxide
R4011	VRS-TW2ED750JY	75	1/4W	Metal Oxide
R4012	VRS-TW2ED750JY	75	1/4W	Metal Oxide
R4013	VRS-CY1JF102JY	1k	1/16W	Metal Oxide
R4014	VRS-CY1JF102JY	1k	1/16W	Metal Oxide
R4015	VRS-CY1JF103JY	10k	1/16W	Metal Oxide
R4016	VRS-CY1JF103JY	10k	1/16W	Metal Oxide
R4017	VRS-CY1JF473JY	47k	1/16W	Metal Oxide
R4018	VRS-CH1JF101JY	100	1/16W	Metal Oxide

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MAIN UNIT (Continued)

Ref. No.	Part No.	Description
R4019	VRS-CY1JF473JY	47k 1/16W Metal Oxide
R4020	VRS-CH1JF101JY	100 1/16W Metal Oxide
R4021	VRS-CY1JF102JY	1k 1/16W Metal Oxide
R4022	VRS-CY1JF102JY	1k 1/16W Metal Oxide
R4023	VRS-CY1JF224JY	220k 1/16W Metal Oxide
R4024	VRS-CY1JF224JY	220k 1/16W Metal Oxide
R4025	VRS-CY1JF224JY	220k 1/16W Metal Oxide
R4026	VRS-CY1JF224JY	220k 1/16W Metal Oxide
R4027	VRS-CY1JF393JY	39k 1/16W Metal Oxide
R4028	VRS-CY1JF393JY	39k 1/16W Metal Oxide
R4029	VRS-CY1JF103JY	10k 1/16W Metal Oxide
R4030	VRS-CY1JF103JY	10k 1/16W Metal Oxide
R4031	VRS-CY1JF393JY	39k 1/16W Metal Oxide
R4032	VRS-CY1JF393JY	39k 1/16W Metal Oxide
R4033	VRS-CY1JF103JY	10k 1/16W Metal Oxide
R4034	VRS-CY1JF103JY	10k 1/16W Metal Oxide
R4035	VRS-CY1JF393JY	39k 1/16W Metal Oxide
R4036	VRS-CY1JF393JY	39k 1/16W Metal Oxide
R4037	VRS-CY1JF103JY	10k 1/16W Metal Oxide
R4038	VRS-CY1JF103JY	10k 1/16W Metal Oxide
R4039	VRS-CJ1JF104JY	100k 1/16W Metal Oxide
R4040	VRS-CJ1JF104JY	100k 1/16W Metal Oxide
R4041	VRS-CJ1JF104JY	100k 1/16W Metal Oxide
R4042	VRS-CJ1JF104JY	100k 1/16W Metal Oxide
R4043	VRS-CY1JF470JY	47 1/16W Metal Oxide
R4044	VRS-CY1JF470JY	47 1/16W Metal Oxide
R4045	VRS-CY1JF470JY	47 1/16W Metal Oxide
R4046	VRS-CY1JF470JY	47 1/16W Metal Oxide
R4047	VRS-CY1JF103JY	10k 1/16W Metal Oxide
R4048	VRS-CY1JF470JY	47 1/16W Metal Oxide
R4049	VRS-CY1JF103JY	10k 1/16W Metal Oxide
R4050	VRS-CY1JF470JY	47 1/16W Metal Oxide
R4051	VRS-CY1JF103JY	10k 1/16W Metal Oxide
R4052	VRS-CY1JF103JY	10k 1/16W Metal Oxide
R4053	VRS-CY1JF472JY	4.7k 1/16W Metal Oxide
R4054	VRS-CY1JF472JY	4.7k 1/16W Metal Oxide
R4055	VRS-CY1JF472JY	4.7k 1/16W Metal Oxide
R4056	VRS-CY1JF472JY	4.7k 1/16W Metal Oxide
R4057	VRS-CY1JF102FY	1k 1/16W Metal Oxide
R4058	VRS-CY1JF102FY	1k 1/16W Metal Oxide
R4059	VRS-CY1JF102FY	1k 1/16W Metal Oxide
R4060	VRS-CY1JF102FY	1k 1/16W Metal Oxide
R4061	VRS-CY1JF102FY	1k 1/16W Metal Oxide
R4062	VRS-CY1JF102FY	1k 1/16W Metal Oxide
R4063	VRS-CY1JF102FY	1k 1/16W Metal Oxide
R4064	VRS-CY1JF102FY	1k 1/16W Metal Oxide
R4065	VRS-CY1JF102FY	1k 1/16W Metal Oxide
R4066	VRS-CY1JF102FY	1k 1/16W Metal Oxide
R4067	VRS-CY1JF102FY	1k 1/16W Metal Oxide
R4068	VRS-CY1JF102FY	1k 1/16W Metal Oxide
R4069	VRS-CY1JF101JY	100 1/16W Metal Oxide
R4070	VRS-CY1JF101JY	100 1/16W Metal Oxide
R4071	VRS-CY1JF101JY	100 1/16W Metal Oxide
R4072	VRS-TW2ED750JY	75 1/4W Metal Oxide
R4073	VRS-TW2ED750JY	75 1/4W Metal Oxide
R4074	VRS-TW2ED750JY	75 1/4W Metal Oxide
R4075	VRS-CJ1JF101JY	100 1/16W Metal Oxide
R4076	VRS-CY1JF102JY	1k 1/16W Metal Oxide
R4077	VRS-CY1JF224JY	220k 1/16W Metal Oxide
R4078	VRS-CY1JF224JY	220k 1/16W Metal Oxide
R4079	VRS-CY1JF102JY	1k 1/16W Metal Oxide
R4080	VRS-CY1JF102JY	1k 1/16W Metal Oxide
R4081	VRS-CY1JF154JY	150k 1/16W Metal Oxide
R4082	VRS-CJ1JF102JY	1k 1/16W Metal Oxide
R4083	VRS-CY1JF154JY	150k 1/16W Metal Oxide
R4084	VRS-CJ1JF102JY	1k 1/16W Metal Oxide
R4085	VRS-CY1JF681JY	680 1/16W Metal Oxide
R4086	VRS-CY1JF681JY	680 1/16W Metal Oxide
R4087	VRS-CY1JF102JY	1k 1/16W Metal Oxide
R4088	VRS-CY1JF104JY	100k 1/16W Metal Oxide
R4089	VRS-CJ1JF473JY	47k 1/16W Metal Oxide
R4090	VRS-CY1JF472JY	4.7k 1/16W Metal Oxide
R4091	VRS-CY1JF103JY	10k 1/16W Metal Oxide
R4092	VRS-CY1JF103JY	10k 1/16W Metal Oxide
R4093	VRS-CY1JF562JY	5.6k 1/16W Metal Oxide
R4094	VRS-CY1JF472JY	4.7k 1/16W Metal Oxide
R4095	VRS-CY1JF472JY	4.7k 1/16W Metal Oxide
R5001	VRS-CY1JF100JY	10 1/16W Metal Oxide
R5002	VRS-CY1JF100JY	10 1/16W Metal Oxide
R5003	VRS-CJ1JF100JY	10 1/16W Metal Oxide
R5004	VRS-CH1JF100JY	10 1/16W Metal Oxide
R5005	VRS-CJ1JF100JY	10 1/16W Metal Oxide
R5006	VRS-CY1JF102JY	1k 1/16W Metal Oxide
R5007	VRS-CY1JF562JY	5.6k 1/16W Metal Oxide
R5008	VRS-CY1JF562JY	5.6k 1/16W Metal Oxide
R5009	VRS-CJ1JF101JY	100 1/16W Metal Oxide
R5010	VRS-CH1JF100JY	10 1/16W Metal Oxide
R5011	VRS-CY1JF472JY	4.7k 1/16W Metal Oxide
R5012	VRS-CY1JF102JY	1k 1/16W Metal Oxide
R5013	VRS-CY1JF000JY	0 1/16W Metal Oxide
R5014	VRS-CY1JF102JY	1k 1/16W Metal Oxide
R5015	VRS-CY1JF102JY	1k 1/16W Metal Oxide
R5016	VRS-CY1JF332JY	3.3k 1/16W Metal Oxide
R5017	VRS-CY1JF103JY	10k 1/16W Metal Oxide
R5018	VRS-CY1JF103JY	10k 1/16W Metal Oxide
R5019	VRS-CY1JF000JY	0 1/16W Metal Oxide
R5020	VRS-CY1JF100JY	10 1/16W Metal Oxide
R5021	VRS-CY1JF000JY	0 1/16W Metal Oxide
R5022	VRS-CY1JF103JY	10k 1/16W Metal Oxide
R5023	VRS-CY1JF103JY	10k 1/16W Metal Oxide
R5024	VRS-CY1JF103JY	10k 1/16W Metal Oxide
R5025	VRS-CY1JF103JY	10k 1/16W Metal Oxide
R5026	VRS-CY1JF103JY	10k 1/16W Metal Oxide
R5027	VRS-CY1JF000JY	0 1/16W Metal Oxide
R5029	VRS-CY1JF103JY	10k 1/16W Metal Oxide
R5030	VRS-CY1JF103JY	10k 1/16W Metal Oxide
R5031	VRS-CY1JF000JY	0 1/16W Metal Oxide
R5033	VRS-CJ1JF102JY	1k 1/16W Metal Oxide
R5034	VRS-CY1JF102JY	1k 1/16W Metal Oxide
R5035	VRS-CJ1JF221JY	220 1/16W Metal Oxide
R5036	VRS-CY1JF103JY	10k 1/16W Metal Oxide
R5037	VRS-CH1JF102JY	1k 1/16W Metal Oxide
R5038	VRS-CJ1JF472JY	4.7k 1/16W Metal Oxide
R5039	VRS-CY1JF472JY	4.7k 1/16W Metal Oxide
R8001	VRS-CY1JF000JY	0 1/16W Metal Oxide
R8002	VRS-CJ1JF101JY	100 1/16W Metal Oxide
R8004	VRS-CY1JF103JY	10k 1/16W Metal Oxide
R8005	VRS-CY1JF100JY	10 1/16W Metal Oxide
R8006	VRS-CJ1JF101JY	100 1/16W Metal Oxide
R8007	VRS-CJ1JF472JY	4.7k 1/16W Metal Oxide
R8008	VRS-CY1JF472JY	4.7k 1/16W Metal Oxide
R8009	VRS-CY1JF472JY	4.7k 1/16W Metal Oxide
R8010	VRS-CY1JF472JY	4.7k 1/16W Metal Oxide
R8011	VRS-CY1JF472JY	4.7k 1/16W Metal Oxide
R8012	VRS-CY1JF102JY	1k 1/16W Metal Oxide
R8013	VRS-CY1JF103JY	10k 1/16W Metal Oxide
R8015	VRS-CY1JF000JY	0 1/16W Metal Oxide
R8016	VRS-CY1JF332JY	3.3k 1/16W Metal Oxide
R8018	VRS-CY1JF332JY	3.3k 1/16W Metal Oxide
R8021	VRS-CY1JF000JY	0 1/16W Metal Oxide
R8023	VRS-CY1JF000JY	0 1/16W Metal Oxide
R8024	VRS-CY1JF332JY	3.3k 1/16W Metal Oxide
R8026	VRS-CY1JF472JY	4.7k 1/16W Metal Oxide
R8027	VRS-CY1JF472JY	4.7k 1/16W Metal Oxide
R8028	VRS-CY1JF100JY	10 1/16W Metal Oxide
R8030	VRS-CJ1JF101JY	100 1/16W Metal Oxide
R8031	VRS-CY1JF393JY	39k 1/16W Metal Oxide
R8032	VRS-CY1JF472JY	4.7k 1/16W Metal Oxide
R8033	VRS-CY1JF101JY	100 1/16W Metal Oxide
R8034	VRS-CY1JF101JY	100 1/16W Metal Oxide
R8035	VRS-CY1JF332JY	3.3k 1/16W Metal Oxide
R8036	VRS-CY1JF000JY	0 1/16W Metal Oxide
R8037	VRS-CY1JF000JY	0 1/16W Metal Oxide
R8038	VRS-CY1JF103JY	10k 1/16W Metal Oxide
R8039	VRS-CY1JF000JY	0 1/16W Metal Oxide
R8040	VRS-CY1JF000JY	0 1/16W Metal Oxide
R8041	VRS-CY1JF000JY	0 1/16W Metal Oxide
R8042	VRS-CY1JF103JY	10k 1/16W Metal Oxide

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MAIN UNIT (Continued)

Ref. No.	Part No.	Description
R8043	VRS-CY1JF103JY	10k 1/16W Metal Oxide
R8044	VRS-CY1JF000JY	0 1/16W Metal Oxide
R8045	VRS-CH1JF393JY	39k 1/16W Metal Oxide
R8046	VRS-CY1JF393JY	39k 1/16W Metal Oxide
R8047	VRS-CH1JF393JY	39k 1/16W Metal Oxide
R8048	VRS-CH1JF393JY	39k 1/16W Metal Oxide
R8050	VRS-CH1JF393JY	39k 1/16W Metal Oxide
R8051	VRS-CH1JF393JY	39k 1/16W Metal Oxide
R8052	VRS-CH1JF393JY	39k 1/16W Metal Oxide
R8053	VRS-CH1JF393JY	39k 1/16W Metal Oxide
R8054	VRS-CH1JF393JY	39k 1/16W Metal Oxide
R8055	VRS-CH1JF393JY	39k 1/16W Metal Oxide
R8056	VRS-CY1JF393JY	39k 1/16W Metal Oxide
R8057	VRS-CJ1JF472JY	4.7k 1/16W Metal Oxide
R8059	VRS-CJ1JF473JY	47k 1/16W Metal Oxide
R8068	VRS-CY1JF103JY	10k 1/16W Metal Oxide
R8070	VRS-CY1JF393JY	39k 1/16W Metal Oxide
R8201	VRS-CY1JF103JY	10k 1/16W Metal Oxide
R8202	VRS-CJ1JF472JY	4.7k 1/16W Metal Oxide
R8203	VRS-CY1JF102JY	1k 1/16W Metal Oxide
R8204	VRS-CY1JF103JY	10k 1/16W Metal Oxide
R8205	VRS-CY1JF102JY	1k 1/16W Metal Oxide
R8206	VRS-CY1JF103JY	10k 1/16W Metal Oxide
R8209	VRS-CY1JF510FY	51 1/16W Metal Oxide
R8210	VRS-CY1JF510FY	51 1/16W Metal Oxide
R8211	VRS-CY1JF510FY	51 1/16W Metal Oxide
R8212	VRS-CY1JF510FY	51 1/16W Metal Oxide
R8213	VRS-CY1JF000JY	0 1/16W Metal Oxide
R8214	VRS-CY1JF000JY	0 1/16W Metal Oxide
R8218	VRS-CY1JF000JY	0 1/16W Metal Oxide
R8219	VRS-CY1JF000JY	0 1/16W Metal Oxide
R8220	VRS-CY1JF000JY	0 1/16W Metal Oxide
R8221	VRS-CY1JF512JY	5.1k 1/16W Metal Oxide
R8222	VRS-CY1JF000JY	0 1/16W Metal Oxide
R8226	VRS-CY1JF512JY	5.1k 1/16W Metal Oxide
R8227	VRS-CY1JF512JY	5.1k 1/16W Metal Oxide
R8228	VRS-CY1JF512JY	5.1k 1/16W Metal Oxide
R8229	VRS-CY1JF512JY	5.1k 1/16W Metal Oxide
R8230	VRS-CY1JF202FY	2k 1/16W Metal Oxide
R8231	VRS-CY1JF512JY	5.1k 1/16W Metal Oxide
R8233	VRS-CY1JF221JY	220 1/16W Metal Oxide
R8234	VRS-CY1JF101JY	100 1/16W Metal Oxide
R8235	VRS-CY1JF512JY	5.1k 1/16W Metal Oxide
R8236	VRS-CH1JF512JY	5.1k 1/16W Metal Oxide
R8237	VRS-CY1JF152JY	1.5k 1/16W Metal Oxide
R8238	VRS-CY1JF512JY	5.1k 1/16W Metal Oxide
R8239	VRS-CY1JF512JY	5.1k 1/16W Metal Oxide
R8241	VRS-CY1JF000JY	0 1/16W Metal Oxide
R8244	VRS-CY1JF000JY	0 1/16W Metal Oxide
R8245	VRS-CY1JF000JY	0 1/16W Metal Oxide
R8246	VRS-CY1JF000JY	0 1/16W Metal Oxide

SWITCHES

S3551	QSW-KA016WJZZY	Switch, AUTO SYNC
S3552	QSW-KA016WJZZY	Switch, KEYSTONE
S3553	QSW-KA016WJZZY	Switch, ZOOM/FOCUS
S3554	QSW-KA016WJZZY	Switch, POWER
S3556	QSW-K0108CEZZY	Switch, LEFT
S3557	QSW-K0108CEZZY	Switch, UP
S3558	QSW-K0108CEZZY	Switch, ENTER
S3559	QSW-K0108CEZZY	Switch, DOWN
S3560	QSW-KA016WJZZY	Switch, MENU
S3561	QSW-KA016WJZZY	Switch, AUTO FOCUS
S3562	QSW-K0108CEZZY	Switch, RIGHT
S3563	QSW-K0099TAZZY	SERVICESwitch
S8001	QSW-S0203TAZZY	Slide Switch
S8201	QSW-S0203TAZZY	Slide Switch, AF
S8202	QSW-S0203TAZZY	Slide Switch, PW

MISCELLANEOUS PARTS

FB1701	RBLN-0207TAZZY	Ferrite Bead
FB1702	RBLN-0207TAZZY	Ferrite Bead
FB1703	RBLN-0061TAZZY	Ferrite Bead
FB1704	RBLN-0061TAZZY	Ferrite Bead
FB1705	RBLN-0061TAZZY	Ferrite Bead
FB1706	RBLN-0252TAZZY	Ferrite Bead
FB1707	RBLN-0061TAZZY	Ferrite Bead
FB1708	RBLN-0061TAZZY	Ferrite Bead
FB1710	RBLN-0252TAZZY	Ferrite Bead
FB1711	RBLN-0061TAZZY	Ferrite Bead
FB1712	RBLN-0252TAZZY	Ferrite Bead
FB1713	RBLN-0061TAZZY	Ferrite Bead
FB1714	RBLN-0252TAZZY	Ferrite Bead
FB1715	RBLN-0061TAZZY	Ferrite Bead
FB1716	RBLN-0252TAZZY	Ferrite Bead
FB1717	RBLN-0061TAZZY	Ferrite Bead
FB1718	RBLN-0207TAZZY	Ferrite Bead
FB1719	RBLN-0207TAZZY	Ferrite Bead
FB1720	RBLN-0061TAZZY	Ferrite Bead
FB1731	RBLN-0250TAZZY	Ferrite Bead
FB1733	RBLN-0250TAZZY	Ferrite Bead
FB2002	RBLN-0061TAZZY	Ferrite Bead
FB2004	RBLN-0061TAZZY	Ferrite Bead
FB2005	RBLN-0210TAZZY	Ferrite Bead
FB2006	RBLN-0210TAZZY	Ferrite Bead
FB2201	RBLN-0061TAZZY	Ferrite Bead
FB2202	RBLN-0252TAZZY	Ferrite Bead
FB2203	RBLN-1037CEZZY	Ferrite Bead
FB2204	RBLN-1037CEZZY	Ferrite Bead
FB2501	RBLN-0252TAZZY	Ferrite Bead
FB2502	RBLN-0252TAZZY	Ferrite Bead
FB2503	RBLN-0252TAZZY	Ferrite Bead
FB2504	RBLN-0252TAZZY	Ferrite Bead
FB3001	RBLN-0061TAZZY	Ferrite Bead
FB3003	RBLN-0252TAZZY	Ferrite Bead
FB3004	RBLN-0252TAZZY	Ferrite Bead
FB3005	RBLN-0061TAZZY	Ferrite Bead
FB3006	RBLN-1037CEZZY	Ferrite Bead
FB3101	RBLN-1037CEZZY	Ferrite Bead
FB3102	RBLN-1037CEZZY	Ferrite Bead
FB3103	RBLN-1037CEZZY	Ferrite Bead
FB3501	RBLN-0252TAZZY	Ferrite Bead
FB3502	RBLN-0252TAZZY	Ferrite Bead
FB3503	RBLN-0061TAZZY	Ferrite Bead
FB3504	RBLN-0061TAZZY	Ferrite Bead
FB3505	RBLN-0061TAZZY	Ferrite Bead
FB3506	RBLN-0061TAZZY	Ferrite Bead
FB3508	RBLN-0061TAZZY	Ferrite Bead
FB3510	RBLN-1037CEZZY	Ferrite Bead
FB3511	RBLN-1037CEZZY	Ferrite Bead
FB3512	RBLN-0252TAZZY	Ferrite Bead
FB4002	RBLN-1037CEZZY	Ferrite Bead
FB4003	RBLN-1037CEZZY	Ferrite Bead
FB4006	RBLN-1037CEZZY	Ferrite Bead
FB4007	RBLN-1037CEZZY	Ferrite Bead
FB4008	RBLN-0252TAZZY	Ferrite Bead
FB4009	RBLN-1037CEZZY	Ferrite Bead
FB4010	RBLN-1037CEZZY	Ferrite Bead
FB4011	RBLN-0252TAZZY	Ferrite Bead
FB4012	RBLN-1037CEZZY	Ferrite Bead
FB4013	RBLN-1037CEZZY	Ferrite Bead
FB4014	RBLN-0252TAZZY	Ferrite Bead
FB4015	RBLN-1037CEZZY	Ferrite Bead
FB4016	RBLN-1037CEZZY	Ferrite Bead
FB4017	RBLN-1037CEZZY	Ferrite Bead
FB4019	RBLN-1037CEZZY	Ferrite Bead
FB4020	RBLN-1037CEZZY	Ferrite Bead
FB4021	RBLN-1037CEZZY	Ferrite Bead
FB4024	RBLN-1037CEZZY	Ferrite Bead
FB4025	RBLN-1037CEZZY	Ferrite Bead
FB5001	RBLN-0061TAZZY	Ferrite Bead
FB8001	RBLN-1037CEZZY	Ferrite Bead
FB8002	RBLN-1037CEZZY	Ferrite Bead
FB8003	RBLN-0061TAZZY	Ferrite Bead
FB8201	RBLN-0061TAZZY	Ferrite Bead
FB8202	RBLN-0061TAZZY	Ferrite Bead

Ref. No.	Part No.	Description
FB8203	RBLN-0210TAZZY	Ferrite Bead
FB8204	RBLN-0210TAZZY	Ferrite Bead
FB8205	RBLN-0061TAZZY	Ferrite Bead
J2201	QSOCZA074WJZZ	Socket, 6Pin
J3101	QJAKZ1053CEZZ	Jack, 3Pin
J4001	QJAKAA001WJZZ	Audio In Video Jack
J4002	QJAKAA001WJZZ	Audio In RGB Jack
J4003	QJAKAA001WJZZ	Audio Out Jack
J8201	QJAKZA023WJZZ	Jack, 14Pin
P1701	QPLGN0176FJZZY	Plug, 4Pin(FA)
P1702	QPLGN0175FJZZY	Plug, 3Pin(FB)
P1703	QPLGN0464TAZZY	Plug, 4Pin(FC)
P1704	QPLGN0364TAZZY	Plug, 3Pin(FD)
P1705	QPLGN0363TAZZY	Plug, 3Pin(CW)
P1707	QPLGN0429FJZZ	Plug, 16Pin(EA)
P1708	QPLGN0174FJZZY	Plug, 2Pin(TF)
P2501	QPLGN0664TAZZY	Plug, 6Pin
P3501	QPLGN0363TAZZY	Plug, 3Pin(TO)
P3502	QPLGN0664TAZZY	Plug, 6Pin(RA)
P3503	QPLGN0264TAZZY	Plug, 2Pin(SO)
P3551	QPLGN0364TAZZY	Plug, 3Pin(AI)
P3552	QPLGN0464TAZZY	Plug, 4Pin(AZ)
SC2501	QCNCW0031CEZZY	FFC, 120Pin
SC2502	QCNCW0040CEZZY	FFC, 4Pin
SC4001	QSOCNA230WJZZ	Plug, 17Pin(INPUT2)
SC4002	QSOCNA229WJZZ	Plug, 17Pin(OUTPUT)
SC4003	QSOCNA230WJZZ	Plug, 17Pin(INPUT1)
SC5001	QSOCNA345WJZZY	Lead Wire Relay, 25Pin
SC8001	QSOCD0902CEZZ	DIN Jack Socket, 12Pin
	PSLDMA441WJFW	Shield
	PCOVUA044WJ00	Light Shield
	LX-BZ3266CEFN	Screw, x4

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MAIN UNIT (Continued)

DUNTKC613WEF0
FORMATTER UNIT

INTEGRATED CIRCUITS

Ref. No.	Part No.	Description
IC9001	VHiTCDCR83D-1Y	CDCR83DBQR
IC9003	RH-iXA089WJN2Q	IC
IC9004	RH-iXB212WJN1Q	IC
IC9006	VHiK4R271F8-1Q	K4R271669F-TCS
IC9101	VHiA8904SLB-1Y	A8904SLB
IC9102	VHiSNT1G14C-1Y	SN74AHCT1G14DC
IC9301	RH-iXA384WJN1Q	2503253-003
IC9503	VHiPQ018EZ5-1Y	PQ018EZ5MZP

TRANSISTORS

Ref. No.	Part No.	Description
Q9101	VSDTC114EE/-1Y	DTC114EE

DIODES AND LED'S

Ref. No.	Part No.	Description
D9008	VHDSFPA73//2EY	SFPA73
D9102	VHDBAT54SWT-1Y	BAT54SWT
D9103	VHDBAT54SWT-1Y	BAT54SWT
D9104	VHDBAT54SWT-1Y	BAT54SWT
D9105	VHDBAT54SWT-1Y	BAT54SWT
D9301	VHDSFPB76//2EY	SFPB76
D9302	VHDSFPB76//2EY	SFPB76
D9303	RH-EX1008GEZZY	Zener Diode

PACKAGED CIRCUITS

Ref. No.	Part No.	Description
X9001	RCRUAA041WJZZY	Crystal
X9002	RCRUAA042WJZZY	Crystal

COIL AND TRANSFORMERS

Ref. No.	Part No.	Description
L9301	RCiLP0325TAZZY	Coil
L9302	RCiLP0325TAZZY	Coil

CAPACITORS

Ref. No.	Part No.			
C9001	VCEAPF1CW106MY	10	16V	Electrolytic
C9002	VCKYCY1EF104ZY	0.1	25V	Ceramic
C9003	VCKYCY1EF104ZY	0.1	25V	Ceramic
C9004	VCKYCY1EF104ZY	0.1	25V	Ceramic
C9006	VCKYCY1EF104ZY	0.1	25V	Ceramic
C9007	VCKYCY1EF104ZY	0.1	25V	Ceramic
C9008	VCCCCY1HH680JY	68p	50V	Ceramic
C9009	VCKYCY1EF104ZY	0.1	25V	Ceramic
C9010	VCCCCY1HH680JY	68p	50V	Ceramic
C9011	VCKYCY1EF104ZY	0.1	25V	Ceramic
C9013	VCKYCY1EF104ZY	0.1	25V	Ceramic
C9015	VCKYCY1AB154KY	0.15	10V	Ceramic
C9016	VCKYCY1AB154KY	0.15	10V	Ceramic
C9019	VCSNDE0GP107MY	100	4V	
C9021	VCKYCY1EF104ZY	0.1	25V	Ceramic
C9022	VCEAPF1CW106MY	10	16V	Electrolytic
C9023	VCKYCY1CB104KY	0.1	16V	Ceramic
C9024	VCCCCY1HH680JY	68p	50V	Ceramic
C9025	VCKYCY1EF104ZY	0.1	25V	Ceramic
C9026	VCCCCY1HH680JY	68p	50V	Ceramic
C9027	VCKYCY1EF104ZY	0.1	25V	Ceramic
C9028	VCEAPF1HW105MY	1	50V	Electrolytic
C9029	VCKYCY1CB104KY	0.1	16V	Ceramic
C9030	VCCCCY1HH4R0CY	4p	50V	Ceramic
C9032	VCKYCY1CB104KY	0.1	16V	Ceramic
C9034	VCKYCY1CB104KY	0.1	16V	Ceramic
C9035	VCKYCY1EF104ZY	0.1	25V	Ceramic
C9036	VCKYCY1EF104ZY	0.1	25V	Ceramic
C9038	VCKYCY1CB104KY	0.1	16V	Ceramic
C9041	VCKYCY1CB104KY	0.1	16V	Ceramic
C9042	VCKYCY1EF104ZY	0.1	25V	Ceramic
C9043	VCKYCY1CB104KY	0.1	16V	Ceramic
C9044	VCKYCY1EF104ZY	0.1	25V	Ceramic
C9045	VCKYCY1CB104KY	0.1	16V	Ceramic
C9050	VCKYCY1EF104ZY	0.1	25V	Ceramic
C9053	VCKYCY1CB104KY	0.1	16V	Ceramic
C9055	VCKYCY1EF104ZY	0.1	25V	Ceramic
C9057	VCKYCY1CB104KY	0.1	16V	Ceramic
C9059	VCKYCY1CB104KY	0.1	16V	Ceramic

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FORMATTER (Continued)

Ref. No.	Part No.			
C9061	VCKYCY1CB104KY	0.1	16V	Ceramic
C9062	VCKYCY1CB104KY	0.1	16V	Ceramic
C9063	VCSNDE0GP107MY	100	4V	
C9065	VCEASH0JN476MY	47	6.3V	Electrolytic
C9067	VCAAPC1AJ106MY	10	10V	Electrolytic
C9069	VCSNDE0GP107MY	100	4V	
C9071	VCKYCY1EF104ZY	0.1	25V	Ceramic
C9072	VCKYCY1EF104ZY	0.1	25V	Ceramic
C9073	VCKYCY1EF104ZY	0.1	25V	Ceramic
C9102	VCKYCY1EF104ZY	0.1	25V	Ceramic
C9103	VCKYCY1EF104ZY	0.1	25V	Ceramic
C9104	VCKYCY1EF104ZY	0.1	25V	Ceramic
C9105	VCAAPC1CJ396MY	39	16V	Electrolytic
C9106	VCKYCY1EF104ZY	0.1	25V	Ceramic
C9107	VCKYCY1HB152KY	1500p	50V	Ceramic
C9108	VCKYCY1HB152KY	1500p	50V	Ceramic
C9109	VCKYCY1HB272KY	2700p	50V	Ceramic
C9110	VCEAPF1HW105MY	1	50V	Electrolytic
C9111	VCKYCY1EF104ZY	0.1	25V	Ceramic
C9112	VCKYCY1HF224ZY	0.22	50V	Ceramic
C9113	VCKYCY1HB103KY	0.01	50V	Ceramic
C9115	VCKYCY1AB334KY	0.33	10V	Ceramic
C9116	VCKYCY1HB102KY	1000p	50V	Ceramic
C9117	VCKYCY1HB102KY	1000p	50V	Ceramic
C9118	VCKYCY1HB102KY	1000p	50V	Ceramic
C9302	VCKYCY1EF104ZY	0.1	25V	Ceramic
C9303	VCKYCY1EF104ZY	0.1	25V	Ceramic
C9305	VCKYCY1EF104ZY	0.1	25V	Ceramic
C9306	VCKYCY1HF104ZY	0.1	50V	Ceramic
C9307	VCKYCY1HF104ZY	0.1	50V	Ceramic
C9308	VCEAPF1HW105MY	1	50V	Electrolytic
C9309	VCKYCY1EF104ZY	0.1	25V	Ceramic
C9310	VCKYCY1HF104ZY	0.1	50V	Ceramic
C9311	VCKYCY1HF104ZY	0.1	50V	Ceramic
C9314	VCEAPF1CW106MY	10	16V	Electrolytic
C9315	VCKYCY1EF104ZY	0.1	25V	Ceramic
C9316	RC-KZ0046TAZZY	4.7	35V	Ceramic
C9317	RC-KZ0046TAZZY	4.7	35V	Ceramic
C9319	RC-KZA048WJZZY	10	25V	Ceramic
C9320	RC-KZ0070TAZZY	4.7	16V	Ceramic
C9321	VCKYCY1HF224ZY	0.22	50V	Ceramic
C9503	VCKYCY1EF104ZY	0.1	25V	Ceramic
C9504	VCKYCY1HB102KY	1000p	50V	Ceramic
C9505	VCKYCY1EF104ZY	0.1	25V	Ceramic
C9510	VCKYCY1EF104ZY	0.1	25V	Ceramic
C9511	VCKYCY1EF104ZY	0.1	25V	Ceramic
C9513	VCKYCY1EF104ZY	0.1	25V	Ceramic
C9514	VCKYCY1EF104ZY	0.1	25V	Ceramic
C9515	VCKYCY1EF104ZY	0.1	25V	Ceramic
C9516	VCKYCY1EF104ZY	0.1	25V	Ceramic
C9517	VCKYCY1EF104ZY	0.1	25V	Ceramic
C9519	VCKYCY1EF104ZY	0.1	25V	Ceramic
C9520	VCKYCY1EF104ZY	0.1	25V	Ceramic
C9521	VCKYCY1EF104ZY	0.1	25V	Ceramic
C9522	VCKYCY1EF104ZY	0.1	25V	Ceramic
C9523	VCEAPF1CW106MY	10	16V	Electrolytic
C9524	VCKYCY1EF104ZY	0.1	25V	Ceramic
C9525	VCKYCY1EF104ZY	0.1	25V	Ceramic
C9528	VCKYCY1EF104ZY	0.1	25V	Ceramic
C9529	VCKYCY1EF104ZY	0.1	25V	Ceramic
C9530	VCKYCY1EF104ZY	0.1	25V	Ceramic
C9531	VCKYCY1EF104ZY	0.1	25V	Ceramic
C9532	VCKYCY1EF104ZY	0.1	25V	Ceramic
C9533	VCKYCY1EF104ZY	0.1	25V	Ceramic
C9535	VCKYCY1EF104ZY	0.1	25V	Ceramic
C9536	VCKYCY1EF104ZY	0.1	25V	Ceramic
C9537	VCKYCY1EF104ZY	0.1	25V	Ceramic
C9538	VCKYCY1EF104ZY	0.1	25V	Ceramic
C9542	VCKYCY1EF104ZY	0.1	25V	Ceramic
C9544	VCKYCY1EF104ZY	0.1	25V	Ceramic
C9545	VCKYCY1EF104ZY	0.1	25V	Ceramic
C9546	VCKYCY1EF104ZY	0.1	25V	Ceramic
C9547	VCKYCY1EF104ZY	0.1	25V	Ceramic
C9548	VCKYCY1EF104ZY	0.1	25V	Ceramic
C9549	VCKYCY1EF104ZY	0.1	25V	Ceramic
C9550	VCKYCY1EF104ZY	0.1	25V	Ceramic
C9551	VCKYCY1EF104ZY	0.1	25V	Ceramic
C9552	VCKYCY1EF104ZY	0.1	25V	Ceramic
C9553	VCKYCY1EF104ZY	0.1	25V	Ceramic
C9554	VCKYCY1EF104ZY	0.1	25V	Ceramic
C9555	VCKYCY1EF104ZY	0.1	25V	Ceramic
C9558	VCEAPF0GW227MY	220	4V	Electrolytic
C9564	VCKYCY1EF104ZY	0.1	25V	Ceramic
C9565	VCKYCY1EF104ZY	0.1	25V	Ceramic

RESISTORS

Ref. No.	Part No.			
R9001	VRS-CY1JF000JY	0	1/16W	Metal Oxide
R9002	VRS-CJ1JF220JY	22	1/16W	Metal Oxide
R9003	VRS-CY1JF103JY	10k	1/16W	Metal Oxide
R9005	VRS-CY1JF103JY	10k	1/16W	Metal Oxide
R9006	VRS-CY1JF111FY	110	1/16W	Metal Oxide
R9007	VRS-CY1JF111FY	110	1/16W	Metal Oxide
R9008	VRS-CY1JF103JY	10k	1/16W	Metal Oxide
R9010	VRS-CY1JF560FY	56	1/16W	Metal Oxide
R9011	VRS-CY1JF560FY	56	1/16W	Metal Oxide
R9135	VRS-CY1JF103JY	10k	1/16W	Metal Oxide
R9136	VRS-CY1JF390FY	39	1/16W	Metal Oxide
R9138	VRS-CY1JF220FY	22	1/16W	Metal Oxide
R9140	VRS-CH1JF102JY	1k	1/16W	Metal Oxide
R9141	VRS-CY1JF000JY	0	1/16W	Metal Oxide
R9144	VRS-CY1JF000JY	0	1/16W	Metal Oxide
R9146	VRS-CY1JF000JY	0	1/16W	Metal Oxide
R9147	VRS-CY1JF155JY	1.5M	1/16W	Metal Oxide
R9148	VRS-TW2ED151JY	150	1/4W	Metal Oxide
R9149	VRS-TW2ED151JY	150	1/4W	Metal Oxide
R9150	VRS-TW2ED151JY	150	1/4W	Metal Oxide
R9151	VRS-CY1JF104JY	100k	1/16W	Metal Oxide
R9152	VRS-CY1JF683JY	68k	1/16W	Metal Oxide
R9201	VRK-CD1JJ390FY	39	1/16W	Metal Composition
R9202	VRK-CD1JJ390FY	39	1/16W	Metal Composition
R9203	VRK-CD1JJ390FY	39	1/16W	Metal Composition
R9204	VRS-CY1JF390FY	39	1/16W	Metal Oxide
R9205	VRS-CY1JF390FY	39	1/16W	Metal Oxide
R9206	VRS-CY1JF390FY	39	1/16W	Metal Oxide
R9207	VRS-CY1JF390FY	39	1/16W	Metal Oxide
R9301	VRK-CD1JJ220JY	22	1/16W	Metal Composition
R9302	VRK-CD1JJ220JY	22	1/16W	Metal Composition
R9303	VRS-CH1JF220JY	22	1/16W	Metal Oxide
R9304	VRK-CD1JJ220JY	22	1/16W	Metal Composition
R9305	VRK-CD1JJ220JY	22	1/16W	Metal Composition
R9306	VRK-CD1JJ220JY	22	1/16W	Metal Composition
R9307	VRK-CD1JJ220JY	22	1/16W	Metal Composition
R9308	VRK-CD1JJ220JY	22	1/16W	Metal Composition
R9309	VRK-CD1JJ220JY	22	1/16W	Metal Composition
R9315	VRS-CJ1JF102JY	1k	1/16W	Metal Oxide
R9316	VRS-CY1JF000JY	0	1/16W	Metal Oxide
R9319	VRS-CY1JF103JY	10k	1/16W	Metal Oxide
R9502	VRS-CY1JF222JY	2.2k	1/16W	Metal Oxide
R9503	VRS-CY1JF102JY	1k	1/16W	Metal Oxide
R9506	VRS-CY1JF240FY	24	1/16W	Metal Oxide
R9507	VRS-CY1JF103JY	10k	1/16W	Metal Oxide
R9508	VRS-CJ1JF102JY	1k	1/16W	Metal Oxide
R9509	VRS-CY1JF102JY	1k	1/16W	Metal Oxide
R9510	VRS-CY1JF240FY	24	1/16W	Metal Oxide
R9512	VRS-CY1JF222JY	2.2k	1/16W	Metal Oxide
R9518	VRS-CY1JF240FY	24	1/16W	Metal Oxide
R9522	VRS-CJ1JF103JY	10k	1/16W	Metal Oxide

Ref. No.	Part No.	Description		

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FORMATTER (Continued)

R9532	VRS-CY1JF102JY	1k	1/16W	Metal Oxide
R9542	VRS-CY1JF111FY	110	1/16W	Metal Oxide
R9554	VRS-CY1JF102JY	1k	1/16W	Metal Oxide
R9559	VRS-CY1JF470JY	47	1/16W	Metal Oxide
R9560	VRS-CY1JF102JY	1k	1/16W	Metal Oxide
R9562	VRS-CY1JF330FY	33	1/16W	Metal Oxide
R9565	VRS-CY1JF103JY	10k	1/16W	Metal Oxide
R9567	VRS-CY1JF121FY	120	1/16W	Metal Oxide
R9569	VRS-CY1JF102JY	1k	1/16W	Metal Oxide
R9574	VRS-CY1JF222JY	2.2k	1/16W	Metal Oxide
R9575	VRS-CY1JF222JY	2.2k	1/16W	Metal Oxide
R9592	VRS-CY1JF103JY	10k	1/16W	Metal Oxide
R9594	VRS-CH1JF101JY	100	1/16W	Metal Oxide
R9595	VRS-CH1JF101JY	100	1/16W	Metal Oxide
R9596	VRS-CJ1JF101JY	100	1/16W	Metal Oxide
R9597	VRS-CJ1JF101JY	100	1/16W	Metal Oxide

SWITCHES

S9001	QSW-S0203TAZZY	Slide Switch
S9002	QSW-S0203TAZZY	Slide Switch

MISCELLANEOUS PART

FB9001	RBLN-0210TAZZY	Ferrite Bead
FB9004	RBLN-0210TAZZY	Ferrite Bead
FB9007	RBLN-0209TAZZY	Ferrite Bead
FB9008	RBLN-0209TAZZY	Ferrite Bead
FB9009	RBLN-0209TAZZY	Ferrite Bead
FB9101	RBLN-0210TAZZY	Ferrite Bead
FB9102	RBLN-0095CEZZY	Ferrite Bead
FB9502	RBLN-0210TAZZY	Ferrite Bead
FB9507	RBLN-0210TAZZY	Ferrite Bead
SC9001	QCNCM0039CEZZY	Socket, 120Pin
	LANGTA160WJFW	Angle, x2
	LX-BZA057WJFN	Screw, x2

Ref. No.	Part No.	Description		

DUNTKC615WEF3
FRONT R/C UNIT

CAPACITORS

C1501	VCKYCY1EF104ZY	0.1	25V	Ceramic
C1502	VCEAPF1CW107MY	100	16V	Electrolytic

RESISTORS

R1501	VRS-CY1JF471JY	470	1/16W	Metal Oxide
R1502	VRS-TX2HF220JY	22	1/2W	Metal Oxide

MISCELLANEOUS PART

P1501	QPLGN0565FJZZY	Plug, 3Pin(RC)
RMC1501	RRMCUA027WJZZ	R/C Receiver
SLD1501	PSLDC0002SEFN	Shield

DUNTKC681WEF3
REAR R/C UNIT

CAPACITORS

C1551	VCKYCY1EF104ZY	0.1	25V	Ceramic
C1552	VCEAPF1CW107MY	100	16V	Electrolytic

RESISTORS

R1551	VRS-CY1JF471JY	470	1/16W	Metal Oxide
R1552	VRS-TX2HF220JY	22	1/2W	Metal Oxide

MISCELLANEOUS PART

P1551	QPLGN0565FJZZY	Plug, 3Pin(RC)
RMC1551	RRMCUA027WJZZ	R/C Receiver
SLD1551	PSLDC0002SEFN	Shield

RDENCA118WJZZ
POWER/ SUPPLY UNIT

Ref. No.	Part No.	Description
INTEGRATED CIRCUITS		
IC702	9FJ0F09001170	IC, TOP243YN
IC703	9FJ0F01102565	IC, MM1431ATT
TRANSISTORS		
⚠ Q701	9FJ0Q11001940	FQA24N50
Q703	9FJ0Q09001565	RN1227
Q704	9FJ0Q02001935	2SC2120Y
Q707	9FJ0Q00001455	2SA1020Y
DIODES		
D701	9FJ 0D24001270	SF10L60U
D702	9FJ0D01001465	AK04
D703	9FJ0D01002045	EG01CV0
D704	9FJ0D01001115	AG01ZV0
D705	9FJ0D01001115	AG01ZV0
⚠ D706	9FJ0D23010022	FMX12S
⚠ D707	9FJ0D23001160	5GWJ2CZ47C(F)
D708	9FJ0D20001185	1SS181
D709	9FJ0D20001185	1SS181
D710	9FJ0D00001305	1SS119T
D711	9FJ0D00001305	1SS119T
⚠ DB701	9FJ0D14001070	Bridge, D10XB60H
ZD701	9FJ0D31103455	Zener Diode, RD7.5JS
ZD703	9FJ0D31191045	Zener Diode, MTZJ24BT
ZD704	9FJ0D31191045	Zener Diode, MTZJ24BT
ZD705	9FJ0D31191045	Zener Diode, MTZJ24BT
ZD706	9FJ0D31001245	Zener Diode, UDZSTE1730B
PACKAGED CIRCUITS		
⚠ PC701	9FJ0F10001825	Photo Coupler, PS2581AL1A
⚠ PC702	9FJ0F10001825	Photo Coupler, PS2581AL1A
COILS AND TRANSFORMERS		
⚠ L701	9FJ0L05001550	TC19T4825R0T
⚠ L702	9FJ0L05001550	TC19T4825R0T
⚠ L703	9FJ0L08002330	AFP10-46-100
⚠ L704	9FJ0L08002260	THNW23-06251A
⚠ T701	9FJ0L00002420	Transformer, 000242
CAPACITORS		
⚠ C701	9FJ0C34001903	0.47 AC250V M.Polyester
⚠ C702	9FJ0C51001183	2200p AC250V Ceramic
⚠ C703	9FJ0C51001183	2200p AC250V Ceramic
⚠ C704	9FJ0C34001893	0.1 AC250V M.Polyester
C706	9FJ0C32401010	0.47 400V M.Polyester
C707	9FJ0C32410040	2.2 400V M.Polyester
C708	9FJ0C50003455	470p 1kV Ceramic
C709	9FJ0C02801843	330 400V Electrolytic
C718	9FJ0C01502595	47 50V Electrolytic
C720	9FJ0C01502595	47 50V Electrolytic
C721	9FJ0C01510495	22 50V Electrolytic
C722	9FJ0C50010035	470p 500V Ceramic
C723	9FJ0C50010035	470p 500V Ceramic
C724	9FJ0C01102205	1000 10V Electrolytic
C725	9FJ0C01302295	680 25V Electrolytic
C726	9FJ0C01102205	1000 10V Electrolytic
C727	9FJ0C50004405	0.1 50V Ceramic
C728	9FJ0C50004405	0.1 50V Ceramic
C729	9FJ0C50004405	0.1 50V Ceramic
C730	9FJ0C50002910	4700p 500V Ceramic
⚠ C731	9FJ0C51001183	2200p AC250V Ceramic
⚠ C732	9FJ0C50003635	100p 1kV Ceramic
C733	9FJ0C50004405	0.1 50V Ceramic
C738	9FJ0C50003455	470p 1kV Ceramic
⚠ C740	9FJ0C51001310	1000p AC250V Ceramic
C741	9FJ0C01502595	47 50V Electrolytic
RESISTORS		
⚠ R701	9FJ0R11002245	390k 1W Resistor
R702	9FJ0R70001210	5.1 5W Thermal Fuse Resistor

Ref. No.	Part No.	Description
R703	9FJ0R92001385	470k 1/8W Resistor
R704	9FJ0R92001385	470k 1/8W Resistor
R705	9FJ0R92001385	470k 1/8W Resistor
R709	9FJ0R22001570	0.1 5W Resistor
R710	9FJ0R92203975	100k 1/8W Resistor
R712	9FJ0R94202035	10 1/2W Resistor
R714	9FJ0R17070491	10 2W Resistor
R717	9FJ0R92001385	470k 1/8W Resistor
R718	9FJ0R92001385	470k 1/8W Resistor
R719	9FJ0R92001385	470k 1/8W Resistor
R721	9FJ0R92001385	470k 1/8W Resistor
R722	9FJ0R92001385	470k 1/8W Resistor
R723	9FJ0R92001385	470k 1/8W Resistor
R727	9FJ0R92204075	1M 1/8W Resistor
R728	9FJ0R92204005	6.8k 1/8W Resistor
R729	9FJ0R17071451	100k 2W Resistor
R731	9FJ0R92001465	1k 1/8W Resistor
R732	9FJ0R92204055	270 1/8W Resistor
R733	9FJ0R92001465	1k 1/8W Resistor
R734	9FJ0R17070611	33 2W Resistor
R735	9FJ0R92001475	10k 1/8W Resistor
R736	9FJ0R92001475	10k 1/8W Resistor
R737	9FJ0R92203985	10k 1/8W Resistor
R739	9FJ0R22001560	4.7 5W Resistor
R743	9FJ0R94202035	10 1/2W Resistor
R744	9FJ0R92204075	1M 1/8W Resistor
R745	9FJ0R93202695	270 1/4W Resistor
R747	9FJ0R92001485	5.6k 1/8W Resistor
R748	9FJ0R89202005	0.22 1W Resistor
R749	9FJ0R93210065	47 1/4W Resistor
R750	9FJ0R93202705	10 1/4W Resistor
R751	9FJ0R93202715	330 1/4W Resistor
R752	9FJ0R93300035	10 1/2W Resistor
R753	9FJ0R92203975	100k 1/8W Resistor

Ref. No.	Part No.	Description

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POWER/ SUPPLY UNIT(Continued)

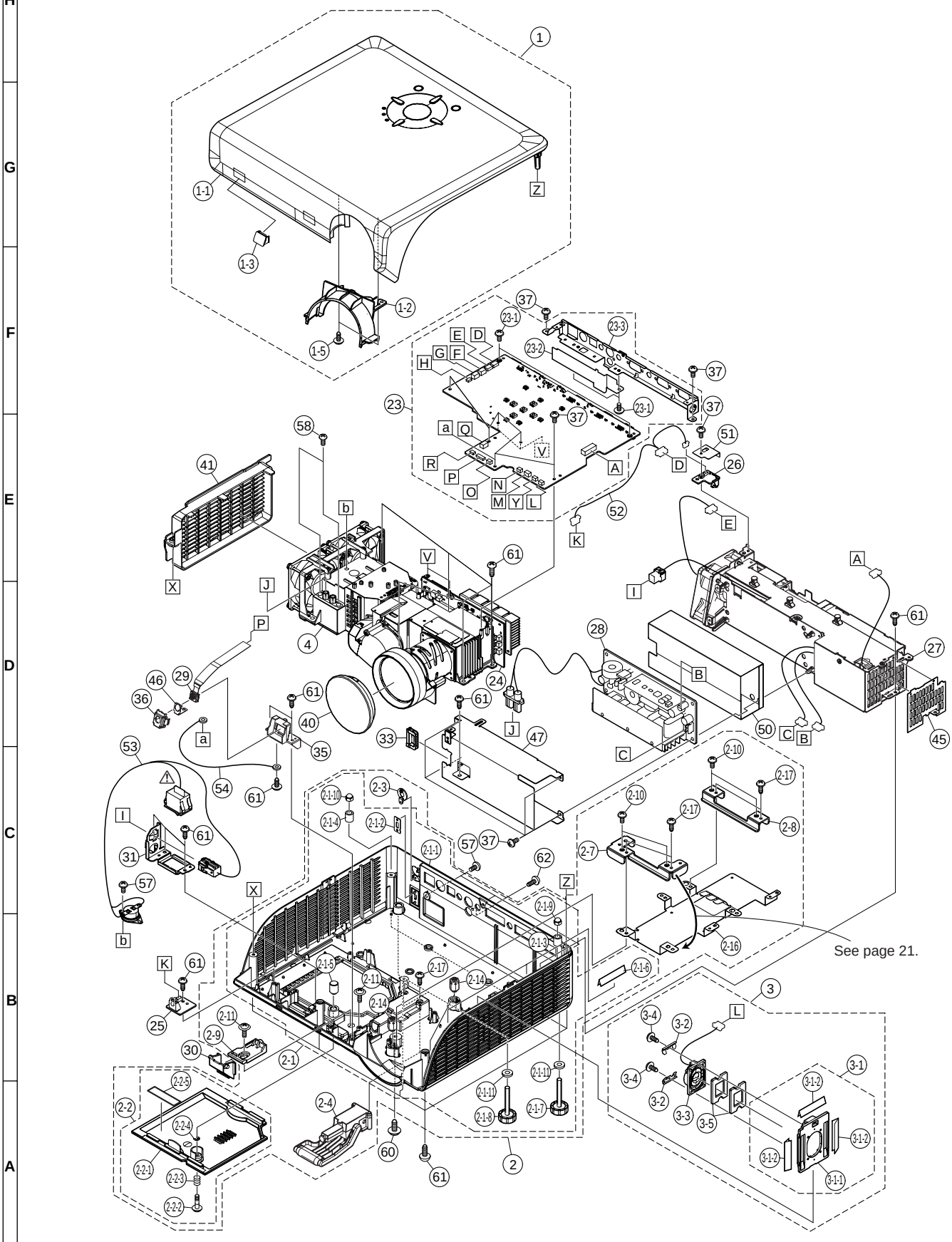
MISCELLANEOUS PARTS

	B701	9FJ0L08001805	B01AT1F
	B702	9FJ0L08002275	BL01RN1A1F1A
	FG	9FJ0O01110015	Earth Terminal, Y1811
⚠	F701	9FJ0E02101080	Fuse, T6.3AH AV250V
⚠	THP701	9FJ0E03001130	Thermal Fuse, HU4X
⚠	TNR701	9FJ0F20001540	Varistor, ENE471D10A
⚠	RL701	9FJ0H11501560	Relay, ALKP329
	INLET	9FJ0G10005060	Inlet, M1909B(INL12)
	RB701	9FJ0L08002250	Ferrite Bead, B20F38
	RB702	9FJ0L08002250	Ferrite Bead, B20F38
	RB703	9FJ0L08002250	Ferrite Bead, B20F38
	RB704	9FJ0L08002250	Ferrite Bead, B20F38
	SUB	9FJ8A00012301	Sub PWB, LVR-IN2952SH (SUB)
	BA	9FJ0I10008940	PFC Harness, X92WBA
	BC	9FJ0I10008970	Ballast Harness, X95WBC
	BM	9FJ0I10008950	SW Harness, X92WBM
	EA	9FJ0I10008960	Output Harness, X92WEA
		9FJ0A11010900	Heat dissipation sheet for Q701
		9FJ0A11901790	Insulator, X92Z
		9FJ0A20001530	Silicon Glass Tube
		9FJ0B00001160	Silicon Gum, KE3490
		9FJ0G20003180	PWB Spacer, CBT4S
		9FJ0G20003190	Locking Card Spacer, KGLS5RTV0
		9FJ0G20003200	Edge Suddle, EDS1208U
		9FJ0M41001290	DC Fan, 2410RL04W-B39 (RoHS)
		9FJ0N00002170	Case, X92CB
		9FJ0N00002180	Cover, X92CC
		9FJ0O00002940	Heat Sinc for IC702
		9FJ0O00002940	Heat Sinc for D706
		9FJ0O00002940	Heat Sinc for D707
		9FJ0O00003280	Radiator for D701, X92HS
		9FJ0O00003310	Radiator ÇQ, X92HS2
		9FJ0O00102010	Inlet Angle, X92IN
		9fj0a11901800	Fan Guard
		9FJ0S03703060	Screw
		9FJ0S07703080	Screw
		9FJ0S09703060	Screw
		9FJ0S89000180	Screw
		9FJ0S97403300	Screw
		9FJ0S99403080	Screw,x5
		9FJ0S99403100	Screw,X2

CABINET AND MECHANICAL PARTS

Ref. No.	Part No.	Description
1	*Not Available*	Top Body Ass'y Unit
1-1	DBDYTA095WJF0	Top Body Ass'y
1-2	GCOVAB118WJKA	Lens Upper Cover
1-3	GCOVAB119WJSA	R/C Cover Front
1-5	XEBSN30P12000	Screw, x2
2	*Not Available*	Bottom Body Ass'y Unit
2-1	DBDYUA133WJF0	Bottom Body Ass'y (2-1-2, 2-1-6, 2-1-7, 2-1-8, 2-1-9, 2-1-10, 2-1-11 Included)
2-1-1	*Not Available*	Bottom Body
2-1-2	LANGFA025WJFW	Kensington Angle
2-1-6	PSPATA033WJZZ	Teflon Tape, x2
2-1-7	GLEGPA030WJSA	Adjuster (R_R)
2-1-8	GLEGPA031WJSA	Adjuster (R_L)
2-1-9	LX-NZ3095CEFN	Cap Nut R (M5)
2-1-10	LX-NZ3123CEF9	Cap Nut L (M5)
2-1-11	PSPAH0648CE00	Ajuster Spacer, x2
2-2	CDORUA031WJF0	Lamp Door Ass'y (2-2-2, 2-2-3, 2-2-4, 2-2-5 Included)
2-2-1	*Not Available*	Lamp Door Ass'y
2-2-2	LX-BZ1009CEFN	Screw
2-2-3	MSPRC0023SEFW	Spring
2-2-4	XRESJ30-06000	E-Ring
2-2-5	PSPATA032WJZZ	Teflon Tape
2-3	GCOVAA299WJSA	R/C Cover
2-4	GLEGPA029WJKA	Adjuster (Front)
2-7	LANGFA113WJFW	Bracket A
2-8	LANGFA114WJFW	Bracket B
2-9	LHLDZA416WJKZ	Adjuster Holder
2-10	LX-BZA067WJFN	Screw, x4
2-11	LX-HZ3105CEFN	Screw x2
2-14	LX-NZA003WJFW	Nut, x4
2-16	QEARPA134WJFW	Earth Plate
2-17	XEBSN30P12000	Screw, x6
3	*Not Available*	Speaker Holder Ass'y
3-1	DBFL-A017WJF0	Speaker Holder Ass'y (3-1-2 Included)
3-1-1	*Not Available*	Speaker Holder
3-1-2	*Not Available*	Teflon Tape, x3
3-2	LANGSA006WJFW	Speaker Bracket, x2
3-3	RSP-ZA085WJQZ	Speaker
3-4	XEBSN20P06000	Screw, x2 (Speaker Bracket)
3-5	PSPAHA464WJZZ	Speaker Holder Sheet, x2
4	Refer to the OPTICAL MECHANISM PARTS	
23	DUNTKC612WEF3	MAIN Unit (23-1, 23-2, 23-3 Included)
23-1	LX-BZ3266CEFN	Screw, x4
23-2	PCOVUA044WJ00	Light Shield
23-3	PSLDMA441WJFW	Terminal Shield
25	DUNTKC615WEF3	FRONT R/C Unit
26	DUNTKC681WEF3	REAR R/C Unit
27	RDENCA118WJZZ	POWER SUPPLY Unit
28	RDENCA088WJZZ	BALLAST Unit
29	RUNTKA090WJZZ	CMOS CAMERA Unit
30	JBTN-A328WJKA	Adjuster Button
31	LANGKA329WJFW	Switch Bracket
33	LHLDWA032WJZZ	EDG Saddle
35	LHLDZA409WJKZ	A/F Holder A
36	CHLDZA410WJF0	A/F Holder B Ass'y
37	LX-BZA085WJF7	Screw, x13
40	PCAPHA021WJSA	Lens Cap
41	PDUC-A056WJKZ	Duct
45	PSHEPA232WJZZ	Power SLD Sheet
46	PSLDCA019WJFW	CCD Shield
47	PSLDMA442WJFW	Ballast Shield
50	PZETKA098WJKZ	Ballast Insulator
51	PZETKA110WJKZ	R/C Insulator
52	QCNW-C667WJPZ	Connecting Wire
⚠ 53	QCNW-C671WJPZ	Power SW Wire (PA)
54	QCNW-C939WJPZ	Connecting Wire
57	XBBSN30P08000	Screw, x4
58	XBPSN30P08JS0	Screw, x2
60	XBPSN40P08JS0	Screw
61	XEBSN30P12000	Screw, x20
62	XEBSN30P08000	Screw

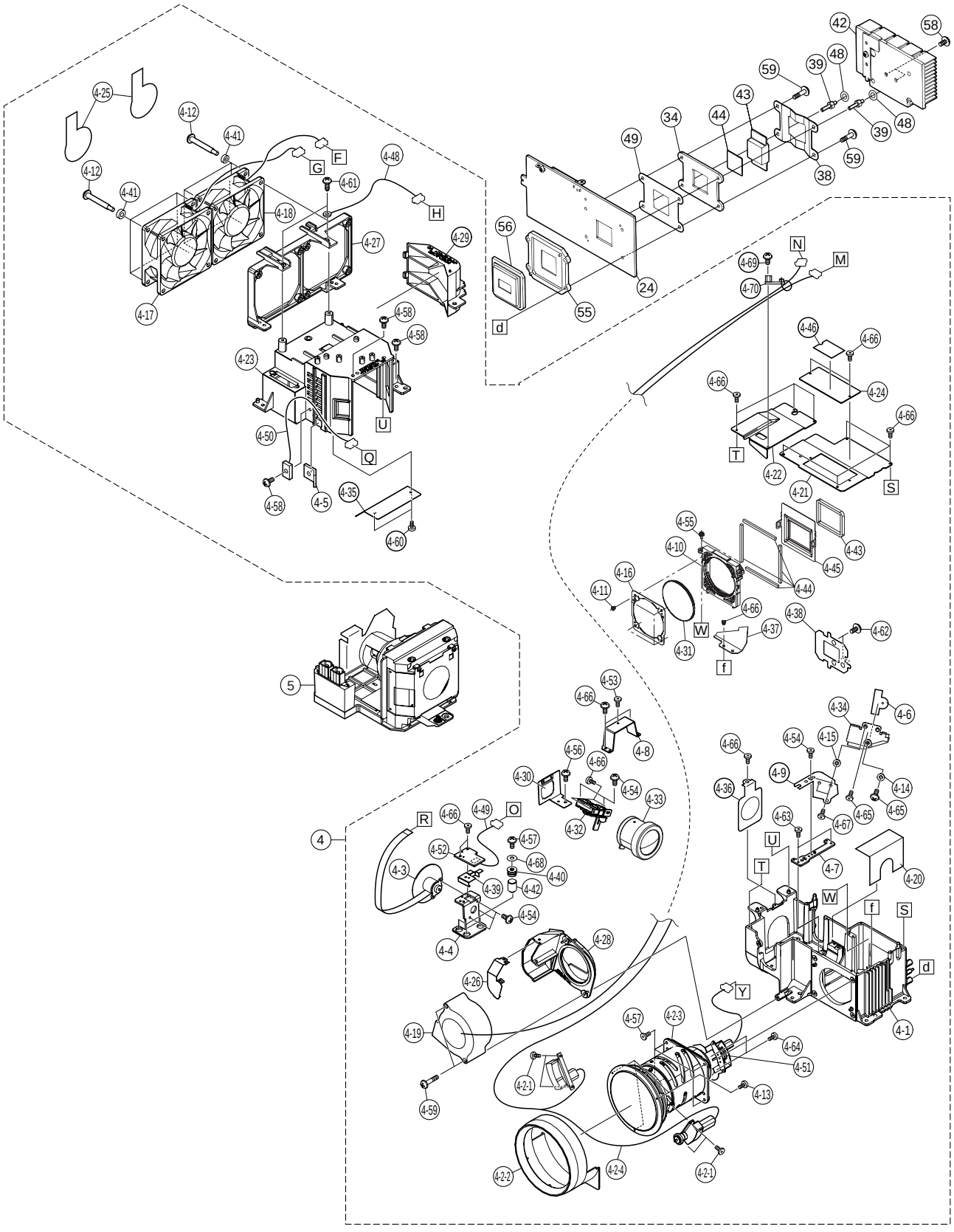
CABINET AND MECHANICAL PARTS



OPTICAL MECHANISM PARTS

Ref. No.	Part No.	Description
4	CCHSKA016WJ21	Optical mechanism Ass'y
4-1	LCHSKA016WJFW	Frame
4-2-1	LX-EZA018WJFN	Screw, x4
4-2-2	PCOVPA024WJSA	Focus Ring
4-2-3	PLNS-A046WJZZ	Projection Lens
4-2-4	RMOTBA005WJZZ	Focus/ Zoom Motor
4-3	CFiLWA086WJ01	Color Wheel
4-4	LANGKA291WJFW	C/W Angle
4-5	LANGKA404WJFW	Sensor Bracket
4-6	LANGKA407WJFW	Hold Plate
4-7	LANGKA408WJFW	Frame Plate
4-8	LHLDZA389WJFW	LH Holder
4-9	LHLDZA517WJFW	Mirror Holder C
4-10	LHLDZA518WJFW	FL Holder
4-11	LX-AZA001WJ00	Screw, x4
4-12	LX-BZA090WJF9	Screw, x8
4-13	LX-EZA019WJFN	Screw, x3
4-14	LX-WZA026WJFN	Washer, Mirror Holder
4-15	MSPRCA057WJZZ	Spring
4-16	MSPRPA041WJFW	FL Spring
4-17	NFANRA034WJZZ	Exhaust Fan 2
4-18	NFANRA035WJZZ	Exhaust Fan 1
4-19	NFANSA017WJZZ	Lamp Fan
4-20	PCOVMA018WJFW	Dust Cover B
4-21	PCOVZA038WJFW	Frame Cover L
4-22	PCOVZA039WJFW	C/W Cover
4-23	PCOVZA040WJKZ	Lamp House
4-24	PCOVZA044WJFW	Frame Plate
4-25	PCOVZA049WJKZ	Exhaust Fan Sheet
4-26	PCOVZA050WJFW	Spring, lamp Duct B
4-27	PDUC-A050WJKZ	Exhaust Duct
4-28	PDUC-A051WJKZ	Lamp Duct B
4-29	PDUC-A055WJKZ	Lamp EX Duct
4-30	CFiLWA082WJ01	UV Mirror Ass'y
4-31	PLNS-A047WJZZ	Field Lens
4-32	CLNS-A051WJ01	Rod Ass'y
4-33	CLNS-A048WJ01	Relay Lens Ass'y
4-34	CMiR-A053WJZZ	Mirror Ass'y
4-35	PSLDHA031WJFW	Heat Shield for Lamp House
4-36	PSLDPA022WJFW	Flame,AP
4-37	PSLDPA027WJFW	FL Blind
4-38	PSLDPA028WJFW	DMD Aperture
4-39	PSLDPA029WJFW	Blind A
4-40	PSPAGA245WJZZ	Dumper Gum
4-41	PSPAGA246WJZZ	Spacer, x8
4-42	PSPAZA511WJZZ	Ring Bush, x3
4-43	PSPAZA584WJZZ	FL Packing D
4-44	PSPAZA589WJZZ	FL Packing C
4-45	PSPAZA590WJZZ	Dust Cover
4-46	PSPAZA603WJZZ	Blind Seel, x2
4-48	RH-HXA005WJZZ	Thermal Sensor
4-49	QCNW-C720WJQZ	Photo Sensor cable
4-50	QCNW-D074WJZZ	Thermal Fuse
4-51	CMOTBA006WJ01	Aperture Ass'y
4-52	RUNTKA091WJZZ	Photo Sensor Unit
4-53	XASSN20P06000	Screw
4-54	XBPSN20P04J00	Screw, x6
4-55	XBPSN20P06J00	Screw, x2
4-56	XBPSN25P04JS0	Screw
4-57	XBPSN25P10JS0	Screw, x7
4-58	XBPSN30P06000	Screw, x3
4-59	XBPSN30P35JS0	Screw, x2
4-60	XEBSN20P04000	Screw, x2
4-61	XEBSN30P08000	Screw, x2
4-62	XSBSN14P03000	Screw, x3
4-63	XSBSN20P04000	Screw, x2
4-64	XSPSN17P02500	Screw, x2
4-65	XSPSN20P02000	Screw, x2
4-66	XSPSN20P04000	Screw, x17
4-67	XSSSN20P07000	Screw, x2
4-68	XWHUW40-03000	C/W Washer
4-69	XBPSN20P10JS0	Screw
4-70	LHLDWA097WJZZ	Wire Holder
5	AH-35001	Lamp Unit, Option
24	DUNTKC613WEF0	FORMATTER Unit
34	LHLDZA384WJFW	Backer Plate
38	MSPRPA039WJFW	Stud Spring
39	NSFTZA101WJFW	Shaft, x2
42	PRDARA124WJFW	Heat Sink
43	PRDARA125WJFW	Stud
44	PSHEGA031WJKZ	Thermal Pad
48	PSPAZ0445CEZZ	Spacer, x2
49	PSPAZA479WJZZ	Kapton Insulator
55	QSOCZA081WJZZ	Socket for C-Spring
56	RDMDPA014WJZZQ	DMD 0.7 XGA
58	XBPSN30P08JS0	Screw, x2
59	XBPSN30P12JS0	Screw, x2

OPTICS MECHANISM PARTS



1	2	3	4	5	6

SUPPLIED ACCESSORIES

Ref. No.	Part No.	Description
	GCASNA018WJSA	Soft Case
⚠	QACCDA010WJPZ	Power Cord for U.S., Canada, etc.
⚠	QACCVA011WJPZ	Power Cord for Europe, except U.K.
	QCNWGA014WJPZ	USB Cable
	QCNWGA043WJPZ	D-SUB/RCA Cable
	QCNWGA045WJPZ	RGB Cable
	RRMCGA371WJSA	Remote Control
	TCAUZA170WJZZ	System Lock Caution Label
	TLABV0003SEZZ	MO Name Label
	TLABVA333WJZZ	Bar Code Label
	TiNS-B671WJZZ	Operation Manual (English)
	TiNS-B672WJZZ	Operation Manual (French)
	TiNS-B673WJZZ	Operation Manual (Spanish)
	TiNS-B674WJZZ	Operation Manual (Italian)
	TiNS-B675WJZZ	Operation Manual (German)
	TiNS-B676WJZZ	Operation Manual (Portuguese)
	TiNS-B723WJZZ	QUICK GUID
	UDSKAA060WJZZ	CD-ROM
	QCNWGA015WJPZ	DIN-DSUB/RS-232C Adaptor

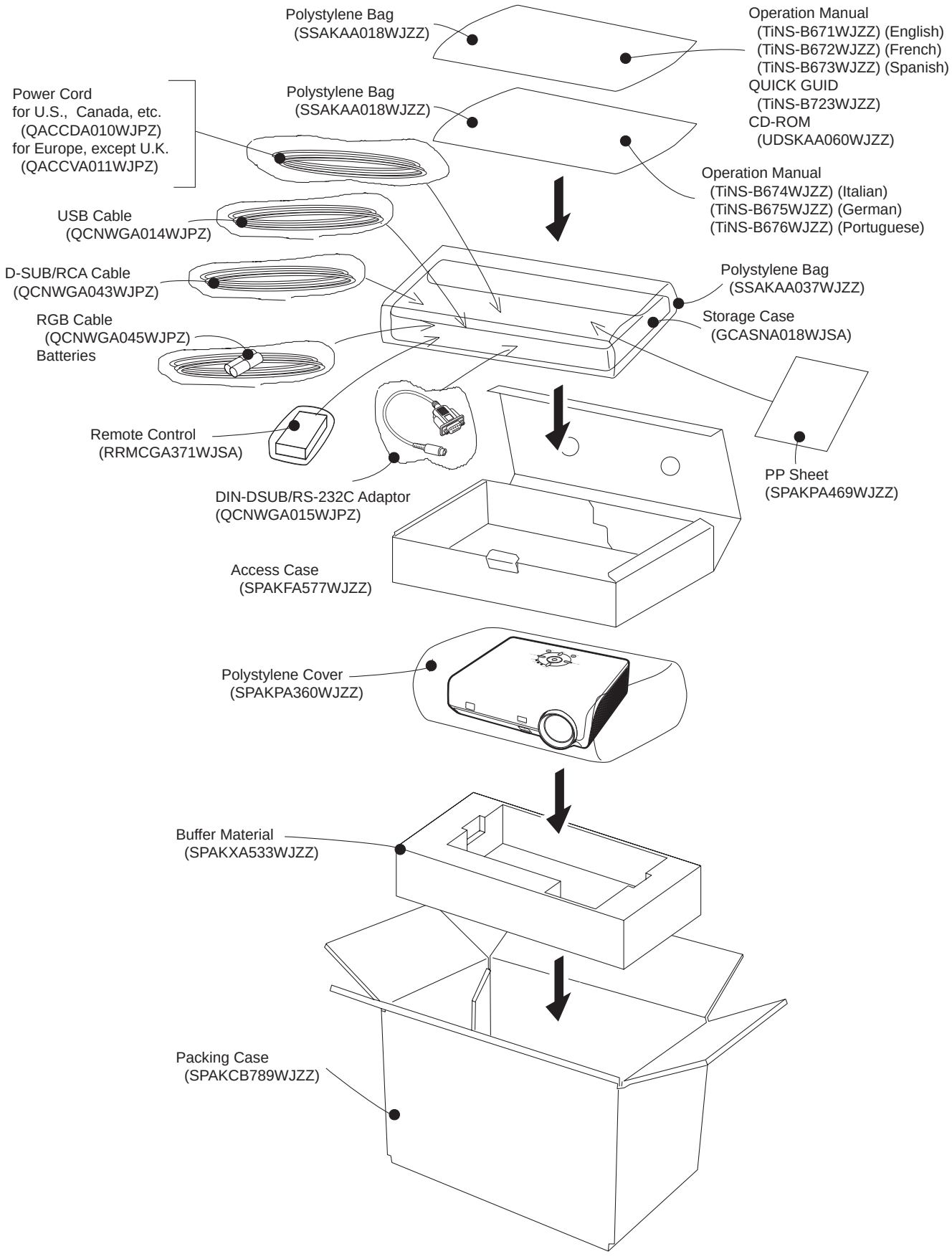
PACKING PARTS
(NOT REPLACEMENT ITEM)

Ref. No.	Part No.	Description
	SPAKCB789WJZZ	Packing Case
	SPAKFA577WJZZ	Access Case
	SPAKPA360WJZZ	Polystylene Cover
	SPAKXA533WJZZ	Buffer Material
	SSAKAA037WJZZ	Polyethylene Bag
	SSAKAA018WJZZ	Polyethylene Bag
	SPAKPA469WJZZ	PP Sheet

SERVICE JIGS
(Use For Servicing)

Ref. No.	Part No.	Description
	QCNW-5869CEZZ	Extension Cable 120pin, Main-Formatter
	QCNWKA002WJZZ	Extension Cable 3pin Main-Fan
	QCNWKA005WJZZ	Extension Cable 4pin Main-Fan
	QCNWKA006WJZZ	Extension Cable 4pin Main-Fan
	QCNWKA007WJZZ	Extension Cable 16pin Main-Power

PACKING OF THE SET



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